工 业 级 设 备 联 网 产 品

# 选型手册



www.moxa.com.cn



工业级以太网



设备联网



多串口卡



Remote I/O



智能通讯服务器



光电转换器

MOXA

## 核心价值观

- 诚信正直
- 相互尊重
- 以客为尊
- 彻底执行

## 愿景

在全球产业自动化领域中，成为世界级的设备联网领导品牌。

## 使命宣言

- 我们持续不断地创新与改善，以提供高品质的产品与服务，带给客户最大的价值，并赢得客户的高度忠诚。
- 我们营造一个学习成长、安全健康的工作环境，并依据同仁展现的能力及企图心提供成长与发展的机会，让同仁乐在工作，进而激发个人潜能，发挥最大贡献，获得成就感。
- 我们共同分享公司的经营成果，并依绩效为基础，提供同仁公平公正的报酬。
- 经销商和供货商是我们价值链的一环，我们以诚信的原则，建立互利的合作关系。
- 我们以公司集体的力量回馈社会，持续投入人文与生态教育的公益活动，让我们的社会因Moxa的贡献得到帮助与启发。

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# 关于Moxa

## 全球工业设备联网市场的领导者

使用Moxa产品的知名公司包括：

- 西门子药业
- 美国NCR
- 东芝
- 台积电*
- 中国电信

* 台积电为台湾半导体制造公司，在全球工业市场上硅片制造商中排名第一。

Moxa作为全球知名的通讯产品设计和制造商，致力于为最终用户提供可靠及高性价比的PC-Based、串口转以太网、工业以太网和嵌入式智能通讯服务器等解决方案。当今世界的趋势，无论是在商业或工业应用领域中，都已经广泛使用以太网作为通讯的骨干架构。为符合产品在各项领域中的应用，Moxa已将其研发资源集中在串口转以太网和以太网交换机的技术提升上。

Moxa集团于2003年成立，包括三个独立的公司：Moxa Technologies、Moxa Networking和Moxa Systems。Moxa Technologies致力于研制PC-Based、串口转以太网的解决方案；Moxa Networking着重研究工业以太网及其光纤传输的解决方案；而Moxa Systems则主要生产嵌入式智能通讯服务器产品。

Moxa集团的产品都以MOXA品牌营销全球，获得「世界工业通讯领域最佳品牌之一」的称号，深受客户赞许。



POS/Retail



Factory Automation



Transportation

## 产品解决方案

Moxa产品已在全球被广泛应用，在工业和商业网络应用中，提供高可靠性、高稳定性和高性价比的解决方案。我们涉及的行业包括交通、工厂自动化、POS&零售、电信、电力、能源和楼宇自动化。



Telecommunications



Power & Energy



Building Automation

## 全球销售网络

您可以极其方便的购买到Moxa产品，不仅可以直接联系我们位于美国、德国、中国和中国台湾的六个分公司，更可与全球Moxa众多的经销商联系。Moxa经销商的联系信息可以在我们网站www.moxa.com/where_to_buy上”where to buy”的栏目找到。

Moxa的经销商销售网络覆盖全球40多个国家。我们的经销商作为面对客户进行直接销售和服务的前线，协助我们与需要Moxa产品及服务的客户保持密切联系。Moxa提供本地化销售和服务的策略正是让客户能够享受“零时差”销售和服务的原因之一。

# 产品概要

## Moxa产品质量卓越，深获国际认可

Moxa模块化千兆以太网交换机EDS-726，因其友好的人机界面、模块化设计，获得了响誉全球的iF产品设计大奖。

Moxa产品已通过下列认证单位的测试与认证：

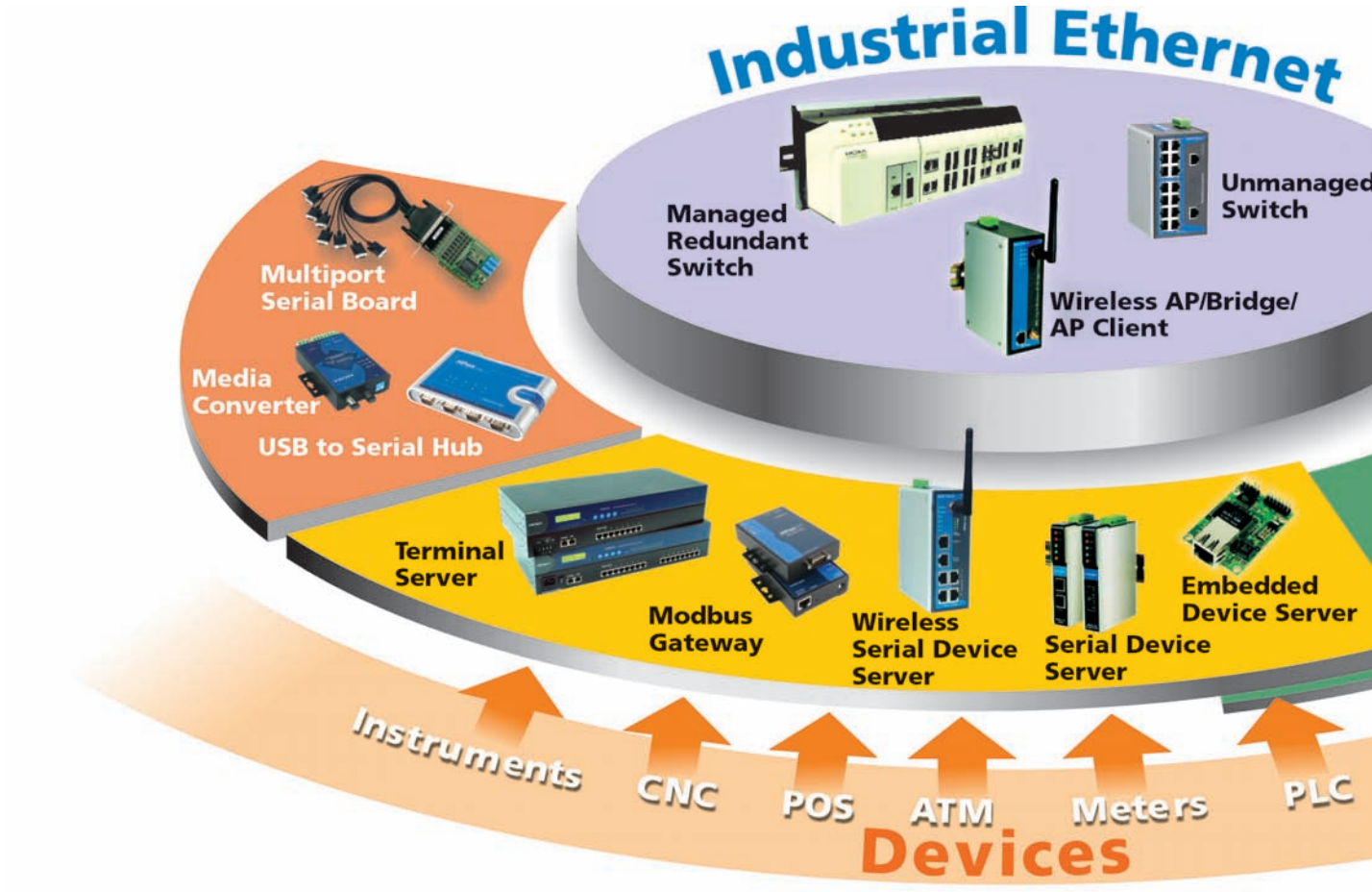
- FCC
- CE
- UL/cUL
- TÜV

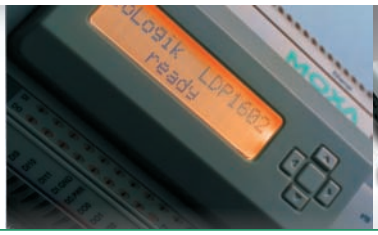
Moxa产品被广泛的应用已有超过18年的历史。至今，全球已有超过七百万的设备经由Moxa设备联网产品进行连接，并可靠的运行着。

### 产品类别

Moxa提供了PC-Based和串口转以太网等产品，提供全面的解决方案包括：

- 工业以太网交换机
- 串口设备联网服务器
- 多串口卡
- 工业视频服务器
- 无线以太网产品
- Remote I/O
- 智能通讯服务器
- 转换器
- USB转串口产品





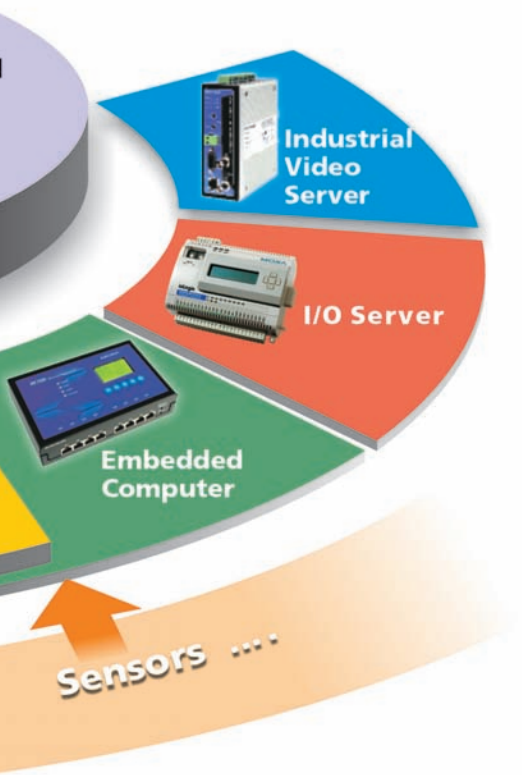



## 核心技术

Moxa研发团队的专业技术涵盖许多核心技术，为制造高可靠性的数据通讯产品提供：

- 串口通讯 (RS-232, RS-422, RS-485)
- 工业以太网通讯
- 串口转以太网通讯
- 实时操作系统
- 通讯协议堆
- IC设计

Moxa研发团队开发了多种关键技术，包括：Moxa操作系统，ADDC™ (Automatic Data Direction Control), Turbo Ring (自愈时间 < 300 ms)；这些技术使得Moxa产品更具可靠性、实用性和强大功能性。




## 质量保证

- ISO 9001: 2000
  研发
  制造及服务
  高质量产品设计
- ISO 14001
  环境管理系统
- 5年产品质保
  绝大多数产品提供5年质保；详细信息请访问Moxa网站

## Moxa的绿色产品

欧共体的报废电子电气设备指令( WEEE )自去年8月起开始实施，对危害物质的限制(RoHS)将从2006年7月开始强制执行。

所有Moxa的新一代“绿色产品”预定于今年陆续发行，以满足欧共体的RoHS和WEEE方针。

# 客户服务及质量

## 以客为尊的全球服务及支持网络

卓越的服务与顶级的质量是Moxa产品成功的关键因素。Moxa对产品质量的承诺是：我们的产品不良率少于0.5%。对绝大多数产品提供5年质保的服务也是令我们引以为傲的一件事。

### 技术支持

Moxa的技术支持团队和我们的研发队伍紧密合作，帮助我们的客户尽快地解决问题，以期达到最满意的效果。我们的技术支持工程师持之以恒地维持着网站的FAQ及术语表，让您遇到故障时，可以得到基本的故障排除方法。

### RMA 服务

您可以通过使用Moxa的e-RMA服务系统轻松的获得维修服务，并在线追踪您维修产品的状态。我们的客服员工随时都可以为您提供及时的友好服务。

### 客户满意度管理

我们定期给所有的Moxa产品终端客户发送“客户满意度调查问卷”，从而更好的了解客户对Moxa服务和产品的意见，不断改善我们的技术支持策略，并向您提供更好的服务和产品。





## MTSC (Moxa技术支持认证)

Moxa技术支持认证系统的建立，确保客户可以得到及时的服务。所有MTSC技术支持工程师全部参加了Moxa正规的训练课程，他们传承了Moxa技术支持工程师们的专业经验，并在通过严格的认证考试之后才能得到Moxa的认证证书。同时，他们也接受Moxa知识库的专业知识，您可以就近联系他们，以获得专业的、本地化的及时的技术支持。

最新的MTSC专业列表请访问网址：www.moxa.com/support/mtsc_showcase.htm

## 专业的用户手册

大多Moxa出货的产品都提供1页关于产品的基本信息和快速安装指南。另外，用户可以到网站下载PDF格式的产品使用手册。所有的Moxa用户手册及安装指南中的内容均通过我们的技术支持工程师的实机测试。我们非常自豪的看到，我们的技术支持文档可以写的如此清楚、明确。

# 风力发电机组管理

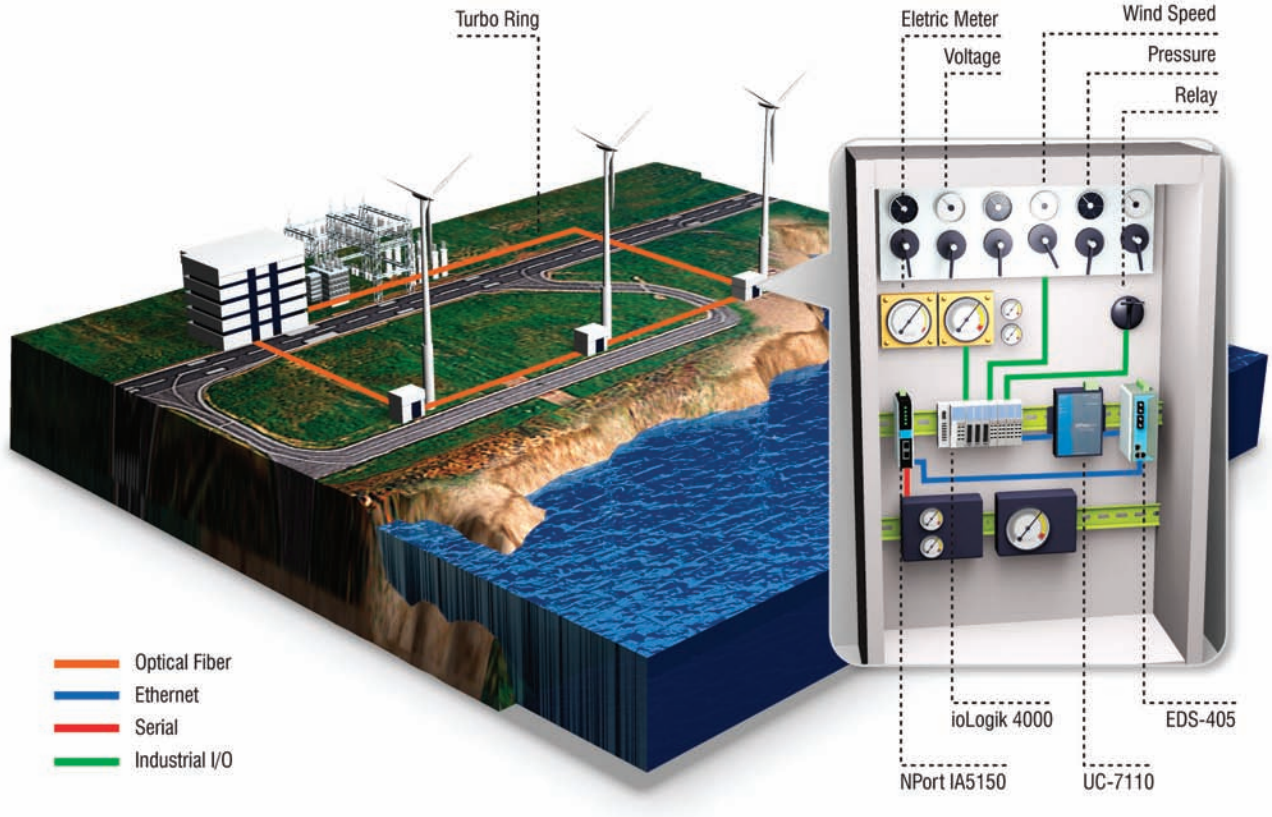
## 为恶劣的户外环境而设计的通讯产品

使用先进的科学技术可以让我们建造更现代化的风力发电站，来得到高效的能源。通过现代化的风力涡轮机，将风力这种洁净的再生性能源转化为电能来使用。

目前许多国家都致力于寻求降低风力发电成本的方法，让风力发电更加经济，并推广到更多的地方。Moxa提供了一系列高可靠性的产品，不仅可以帮助减少建立整个风力涡轮机组工程的费用，更可以协助完成风力涡轮机组电功率等数据的传输。

## 请参考以下产品

- **ioLogik 4000**
  用于数据采集和控制的分布式I/O模块
  - 全量程的数字与模拟I/O模块
  - 支持Modbus/TCP协议
  - 通过PLC级的安规认证：UL508
- **EDS-405-SS-SC**
  5口冗余型工业以太网交换机
  - Turbo Ring冗余技术(自愈时间<300ms)
  - 电源失效&端口断线均会有继电器输出报警信息
  - -40到75°C 的工作温度，适合模块化安装
- **UC-7110**
  立即可用的嵌入式智能通讯服务器
  - 双以太网口，自动侦测10/100M
  - 2个软件可选的RS-232/422/485三合一接口
  - 支持多线程环境下的Pthread操作
- **NPort IA 5150**
  工业级设备联网服务器
  - 10/100BaseTX(RJ45)以太网接口，支持级联
  - 100BaseFX (SC, 单/多模)光纤接口
  - 继电器、E-mail报警功能



# 楼宇自动化

## 现代化通讯技术让楼宇更加安全、可靠、便利

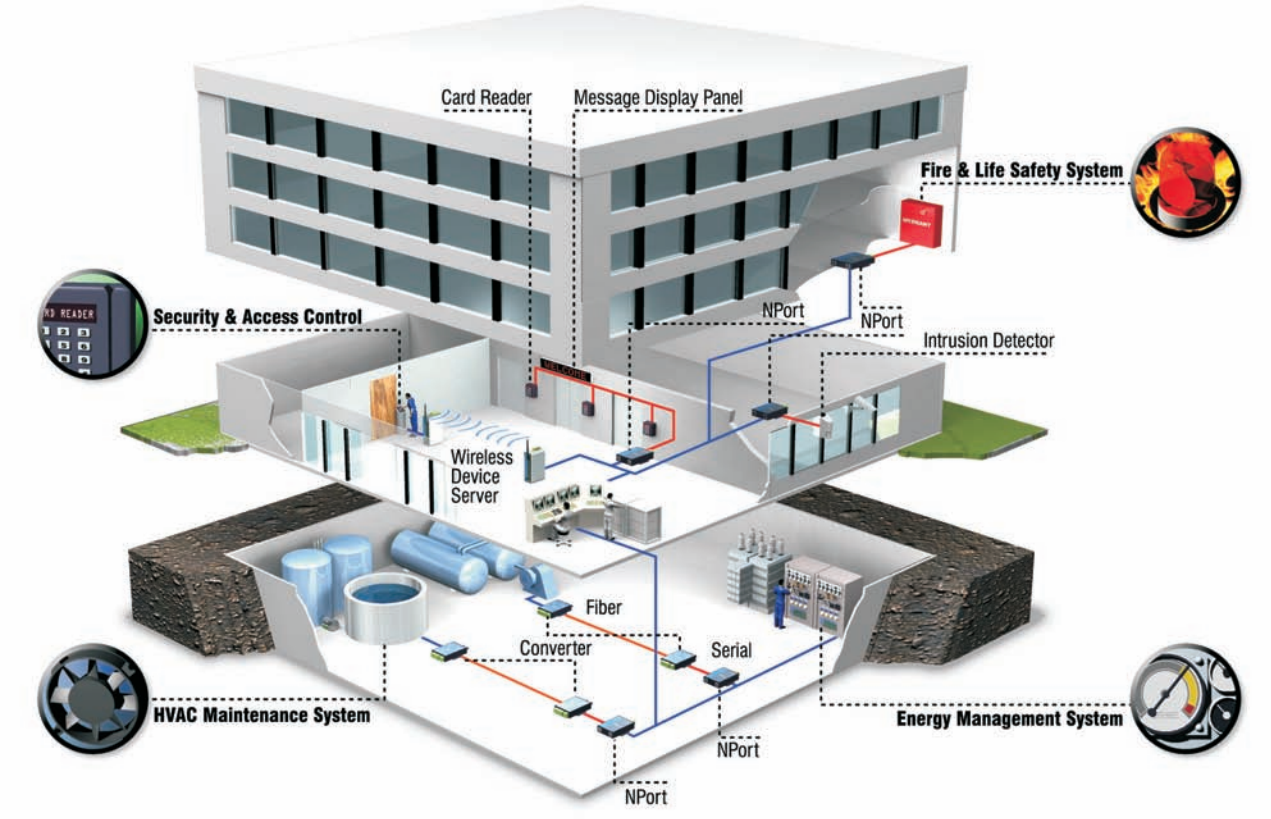
智能楼宇管理系统为居民和工作人员提供更加安全、可靠和方便的环境。在设计智能楼宇系统时，先进的通讯架构和电脑软件给智能楼宇管理者更多的选择，包括：

- 火灾报警及联动系统
- 门禁系统
- HVAC（采暖、通风和空调）系统
- 供、配电系统

中央主控机房的监控维护和管理操作可以增加效率且减少成本支出。Moxa提供一系列具有工业强度，高性价比的产品可供集成商整合到它们的楼宇自动化管理系统里。产品包括串口/光纤转换器，工业以太网交换机、分布式I/O模块，串口设备联网服务器。除此之外，在分布式管理环境中，立即可用的嵌入式智能通讯服务器提供了一个高性价比的解决方案。Moxa的嵌入式智能通讯服务器系列产品包括Linux和Win CE平台产品。

## 请参考以下产品

- **EDS-726**
  26口千兆级网管型模块化工业以太网交换机
- **EDS-508**
  8口网管冗余型工业以太网交换机
- **VPort 3310**
  1通道MPEG4工业视频联网服务器
- **TCF-142**
  串口/光纤转换器
- **NPort 6650**
  8/16口设备安全联网服务器
- **ioLogik 4000**
  用于数据采集和控制的分布式I/O模块
- **NPort W2250/2150**
  1/2口设备无线联网服务器
- **UC-7420/7410**
  立即可用的嵌入式智能通讯服务器



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# 环境监控

## 用于监控无人值守气象站的智能通讯服务器

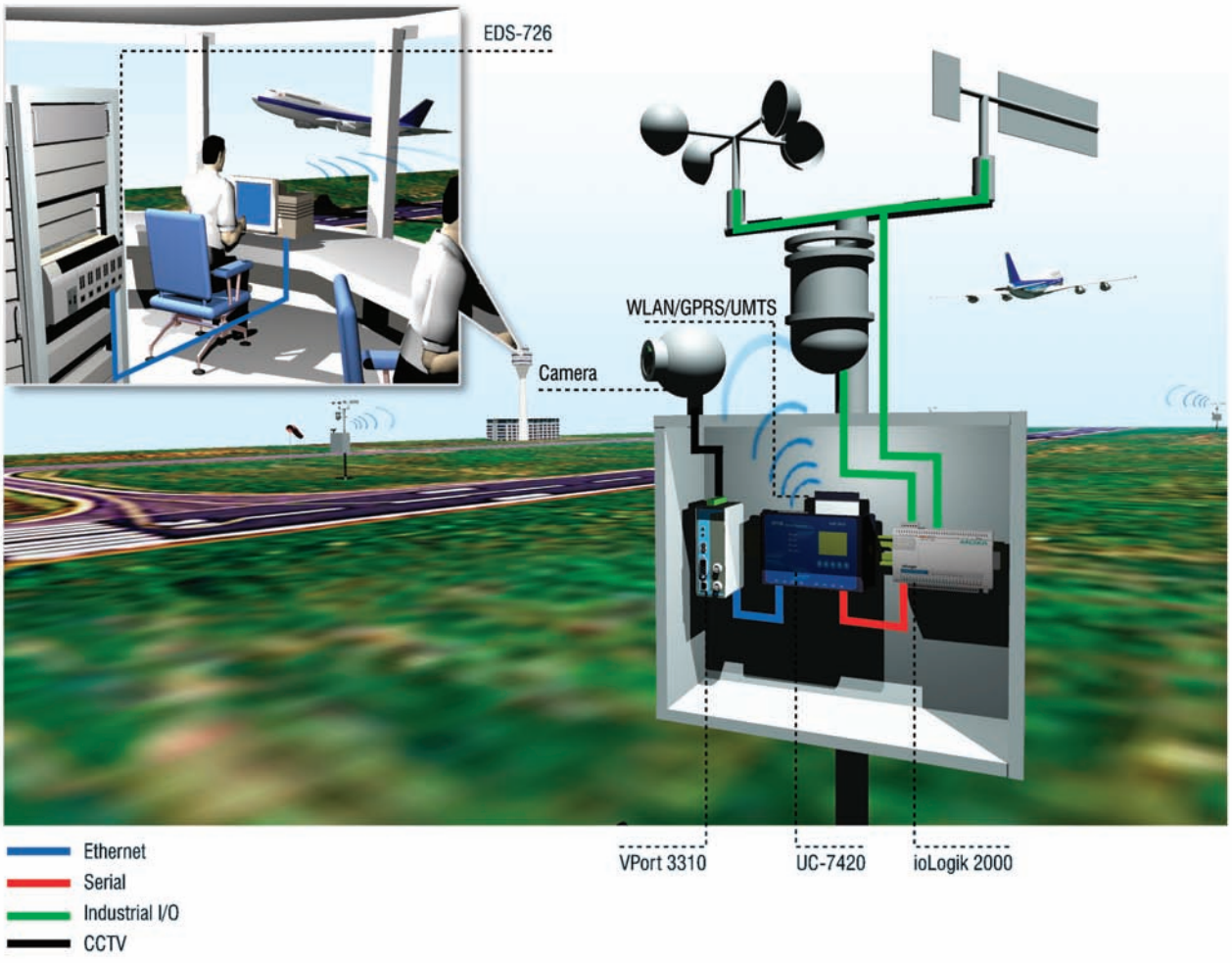
无人值守气象站一般都需要自动运行，基本工作是分析和预测世界上不断变化的天气状况，它们需要收集和存储大量的天气数据，并每隔一段时间把它们上传到中心站的后台计算机进行长期存储。Moxa分布式I/O模块可以通过RS-485连接到UC-7420，由UC采集气象站传感器的数据。

对于这个应用来讲，UC-7420的可编程特性可以在把数据传送回中心站之前进行协议转换，也可以在上传到中心站前进行数据处理。在联网性能方面UC-7420提供2个RJ45以太网接口，同时一个串口也可以连接到一个V.90或GPRS调制解调器来建立PPP连线，还有PCMCIA接口可以安装无线网卡，连接到802.11b/g无线网络。

### 请参考以下产品

- **UC-7420**
  立即可用的智能通讯服务器
  - 无风扇，无硬盘设计打造更长的MTBF(平均无故障时间)
  - 数据存储可使用CompactFlash插槽扩展存储空间
  - 可用C语言进行编程来定制协议转换

- **ioLogik 4000**
  专为数据采集与控制的分布式I/O模块
  - 传感器数据远程采集
  - 可通过以太网或RS-485控制I/O点
  - 模块化设计容易替换与维护



# 零售业&POS

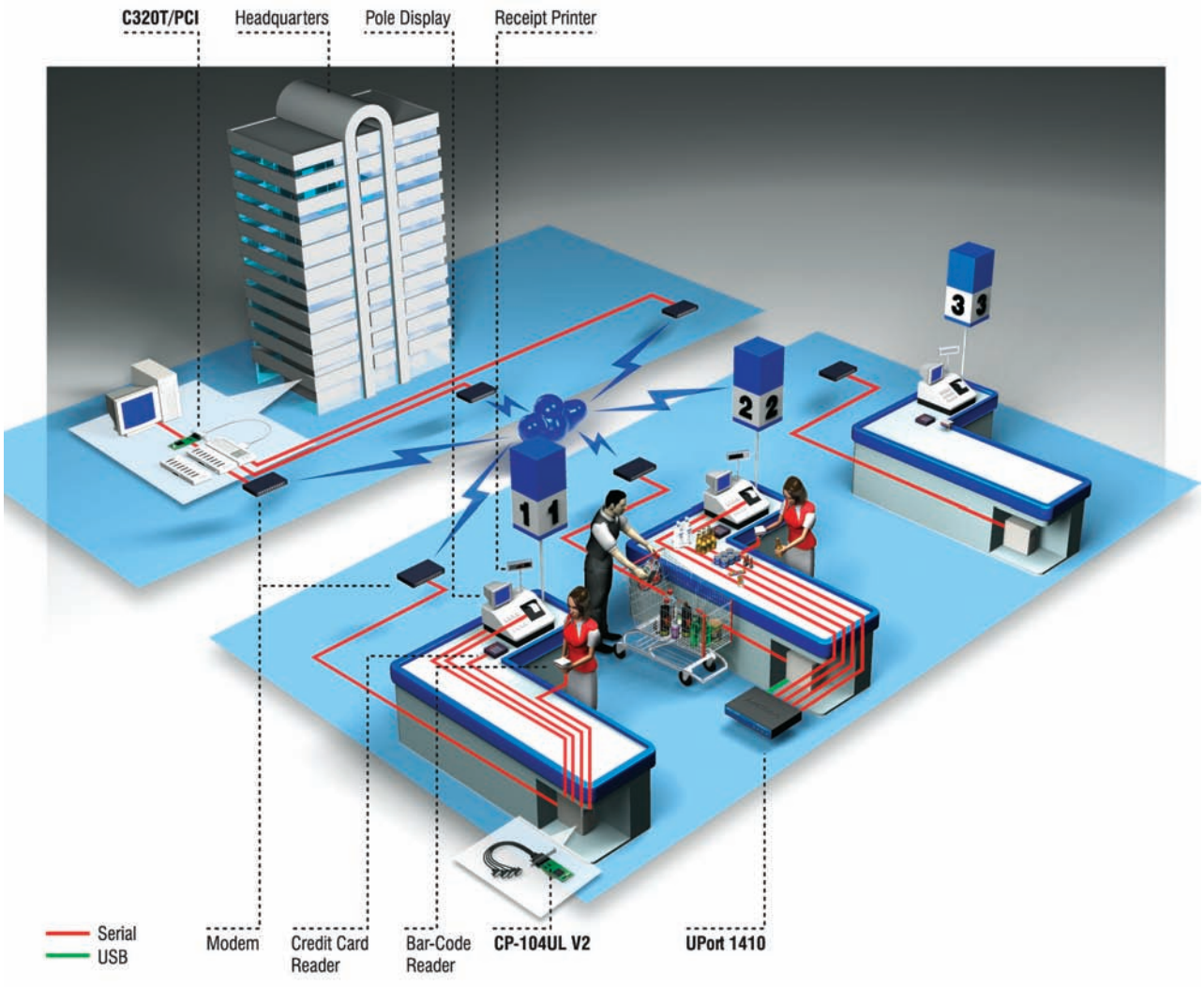
## 建立一个完整的、高效的收银系统

零售业/POS系统一般包括钱箱，手持式条码扫描仪，显示器，键盘，信用卡读卡器，收银条打印机等。根据不同的环境，人们一般选择商用PC或工业PC来连接这些串口设备。然而，对每个站点来说，连接这些设备的串口数量是个需要解决的问题，即必须为每一台PC扩展串口。

对于零售业/POS客户来讲，可靠性与性价比是他们最顾虑的两个方面，Smartio系列的Moxa卡，通过了微软Windows 2000/XP/2003认证，性价比高于其它同类多串口卡。除此之外，Moxa还提供USB转串口的解决方案，它们都可以使用在零售业/POS扩展串口的应用中。

## 请参考以下产品

- **C320Turbo/PCI**
  8到32个RS-232串口，通用PCI智能型Moxa多串口卡
- **CP-104UL V2**
  4个RS-232串口，通用PCI聪明型Moxa卡，MD1 低档板标准
- **UPort 1410**
  4个RS-232或RS-232/422/485 USB转串口适配器
- **NPort U1110**
  1个RS-232 USB转串口适配器



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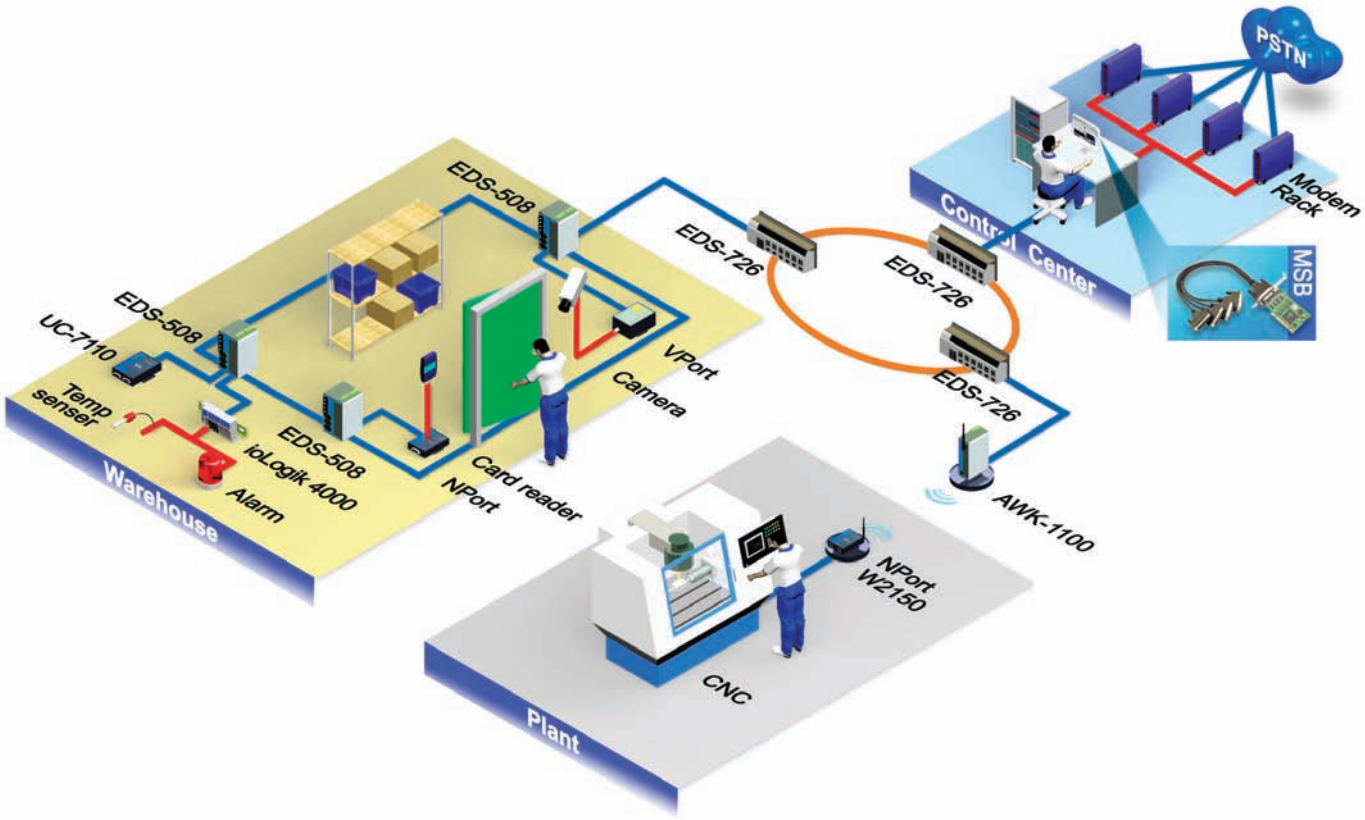
# 工厂自动化

## 让传统工厂更加先进与智能化

将传统的工厂提升为现代化工厂不仅仅需要替换机器和设备，更重要的是将控制系统从RS-485通讯升级到以太网环境。升级后可以节约大量的时间与成本，如大量节约工程师在工厂中从一个车间到另一个车间，或是要处理紧急情况时从家中向工厂赶去的时间花费。

### 请参考以下产品

- **EDS-726**
  26口千兆级网管型模块化工业以太网交换机
- **EDS-508**
  8口冗余网管型工业以太网交换机
- **VPort 3310**
  1通道MPEG4工业视频联网服务器
- **AWK-1100**
  工业级IEEE802.11g无线以太网AP/Bridge/AP客户端
- **NPort 6650**
  8/16口设备安全联网服务器
- **ioLogik 4000**
  用于数据采集和控制的分布式I/O模块
- **NPort W2250/2150**
  1/2口设备无线联网服务器
- **UC-7110**
  立即可用的嵌入式智能通讯服务器



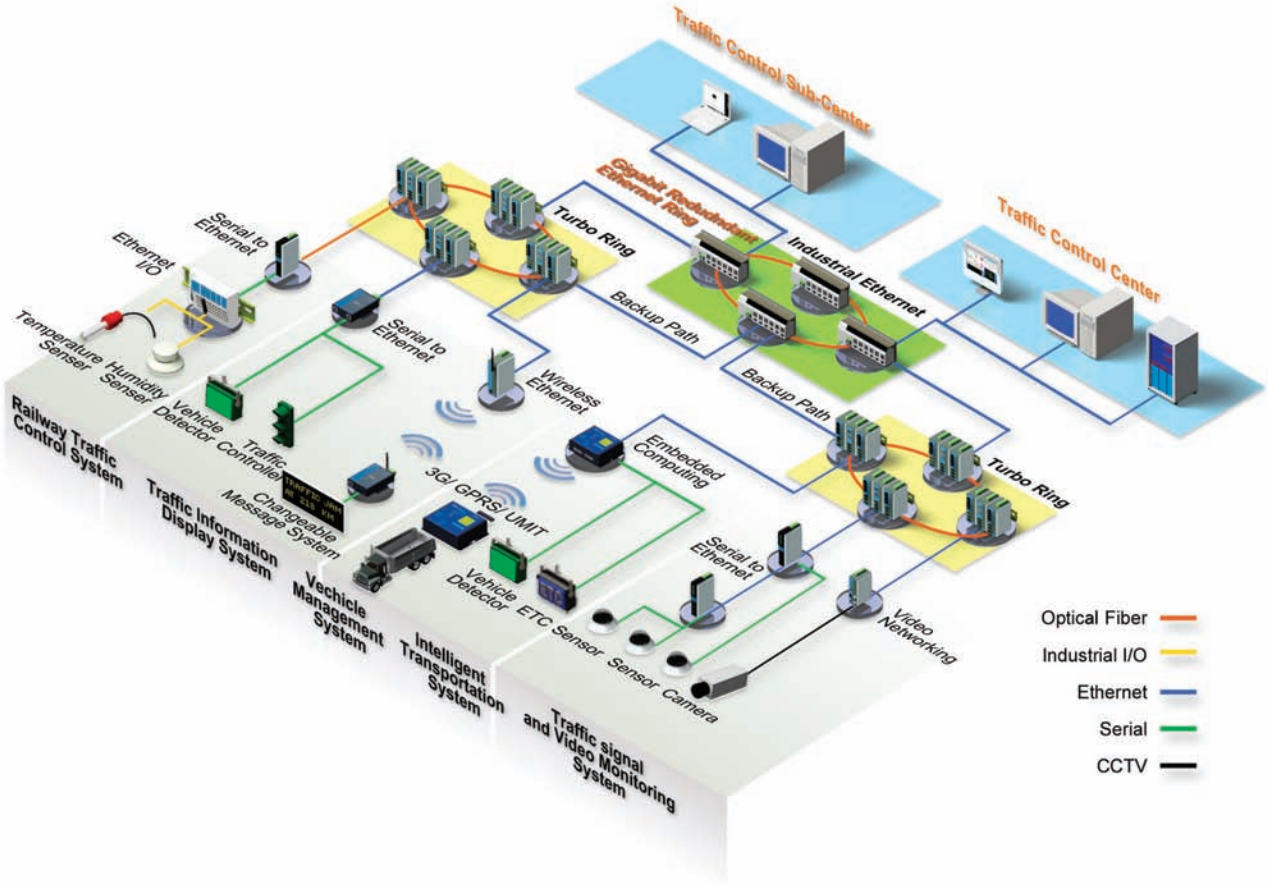
# 智能交通系统

## 使用以太网节约成本并提升ITS的可靠与性能

交通系统的规划人员经常不断地学习更多、更先进的方法，用来在现有的架构内管理交通流量和降低交通堵塞。通常，一种有效的解决方案就是视频监视摄像机，它可以让管理员实时地得到信息并直接进行监视与管理。普通的交通流量控制系统使用串行线和调制解调器在户外设备与控制中心之间建立的通讯链路来通讯。可是，现代化的智能交通系统(ITS)需要更高的带宽来传输高解析度的图像数据，而且到控制中心的通讯距离经常在几百米以上。在今天的交通系统中也需要预防没有任何警告的交通意外，这样就要求设备提供很高的可靠性与冗余特性来避免因自然或人为导致的问题。由于以太网的可靠性，高带宽和低成本的特性，以太网成为越来越多的首选通讯协议，常被用来建立可靠及容易管理的通讯网络，并可确保没有数据丢失，保持持续的通讯。

### 请参考以下产品

- **EDS-726**
  26口千兆级网管型模块化工业以太网交换机
- **EDS-508**
  8口冗余网管型工业以太网交换机
- **VPort 3310**
  1通道MPEG4工业视频联网服务器
- **TCF-142**
  串口/光纤转换器
- **NPort 6650**
  8/16口设备安全联网服务器
- **ioLogik 4000**
  用于数据采集和控制的分布式I/O模块
- **NPort W2250/2150**
  1/2口设备无线联网服务器
- **UC-7420/7410**
  立即可用的嵌入式智能通讯服务器



# 千兆网管型以太网交换机



| 产品型号 | EDS-726 系列 |
|---|---|
| 产品描述 | 模块化的网管型冗余千兆以太网交换机 |
| 端口数量 | 26 个端口 (24 个百兆口 + 2 个千兆口) |
| 接口描述 | |
| 10/100BaseT(X), RJ45 端口 | 最多可配置 24 个百兆端口 |
| 100BaseFX, ST 或者 SC 接口 | 最多可配置 24 个单模或者多模相组合的光口 |
| 10/100/1000BaseT(X), RJ45 接口 | 最多可配置 2 个千兆口 |
| 1000BaseSX/LX/LHX/ZX | 最多可配置 2 个单模或者多模组合的端口 |
| 控制台端口 , RS-232(RJ45) | Yes |
| CF 储存卡 | Yes |
| 报警连接器 | 两个可配置的继电器输出 |
| 数字输入 | 两个数字输入 |
| 冗余功能 | |
| 网络冗余 | 支持 Turbo Ring 协议 ( 恢复时间 <300 ms), 支持 RSTP/STP |
| 电源冗余 | 24VDC, 冗余电源输入 |
| 网络管理及控制功能 | |
| SNMP 协议 | V1/ V2c/ V3 |
| IGMP Snooping 及 GMRP | IGMP V1/ V2/ V3 及 GMRP |
| 基于端口的 VLAN, IEEE802.1Q VLAN 及 GVRP | Yes |
| QoS, IEEE802.1p/1Q 及 TOS DiffServ | Yes |
| MIB | MIB-II, Ethernet-Like MIB, P-BRIDGE MIB, Q-BRIDGE MIB, Bridge MIB, RSTP MIB, RMON MIB 1,2,3,9 |
| RMON | Group 1, 2, 3, 9 |
| SNMP OPC 接口软件 | EDS SNMP OPC Sever Pro ( 可选 ) |
| 端口聚合功能 | 802.3ad Link Aggregation Control 协议 (LACP) , 静态端口聚合功能 |
| 安全性能 | IEEE802.1X, Static Port Lock, SNMP V3 SHA/MD5 authentication and data encryption https/SSL |
| 报警功能 | LED 显示界面 , 继电器报警 , E-mail 报警 , 镜像端口功能 , Trap 功能 |
| 配置方式 | Web 浏览器 , Telnet 控制台 , Moxa Windows utility, CF 卡 , ABC-01( 自动备份设定工具 ) |
| 设备管理功能 | 速率限制 , 端口锁定 , 设备 IP 地址的设置 , 断线快速恢复 |
| 其他 | DHCP Server/Client, BOOTP, TFTP, SNTP, SNMP, RARP, 配置 /log file/firmware import/export, Trap |
| 电源 | |
| 输入电压 | 24 VDC (12 ~ 45 VDC) |
| 过载电流保护 | 提供 |
| 工作环境 | |
| 标准工作温度 | 0 ~ 60°C (32 ~ 140°F) |
| 通过认证 | |
| 安全性 | UL60950, UL508, CSA C22.2 No. 60950, EN60950 ( 认证中 ) |
| 危险区域认证 | UL/cUL Class 1, Div 2, ATEX Class 1, Zone 2 ( 认证中 ) |
| EMI | FCC Part 15, CISPR(EN55022) Class A |
| EMS | EN61000-4-2/3/4/5/6/8/11/12 |
| 冲击 | IEC60068-2-27 |
| 掉落 | IEC60068-2-32 |
| 震动 | IEC60068-2-6 |

## EDS-726 接口模块



| 组件 | IM-4TX | IM-4MSC<br>IM-4MST<br>IM-4SSC | IM-2MSC/2TX<br>IM-2MST/2TX<br>IM-2SSC/2TX | IM-1LSC/3TX | IM-1GTX | IM-1GSXSC | IM-1GLXSC | IM-1GLHXSC | IM-1GZXSC |
|---|---|---|---|---|---|---|---|---|---|
| 产品描述 | EDS-726 快速以太网接口模块 | | | | | EDS-726 千兆以太网接口模块 | | | |
| 端口数量 | 4 | | | | | 1 | | | |
| **接口描述** | | | | | | | | | |
| 10/100BaseT(X), RJ45 端口 | 4 | N/A | 2 | 3 | N/A | N/A | N/A | N/A | N/A |
| 100BaseFX | N/A | 4 个多模 SC/ST 连接头或者 4 个单模 SC 连接头 | 2 个多模 SC/ST 连接头或者 2 个单模 SC 连接头 | 1 个长距离单模 SC 连接头 | N/A | N/A | N/A | N/A | N/A |
| 10/100/1000BaseT(X), RJ45 端口 | N/A | N/A | N/A | N/A | 1 | N/A | N/A | N/A | N/A |
| 1000BaseTSX/LX | N/A | N/A | N/A | N/A | N/A | 1 个多模 SC 连接头 | 1 个多模 / 单模 SC 连接头 | 1 个单模 SC 连接头 | 1 个单模 SC 连接头 |
| **传输距离** | | | | | | | | | |
| 双绞线 | 0~100m | N/A | 0~100m | 0~100m | 0~100m | N/A | N/A | N/A | N/A |
| 多模 50/125 μ m | N/A | 0 ~ 5 km 1300 nm 800MHz*km | 0 ~ 5 km 1300 nm 800MHz*km | N/A | N/A | 0 ~ 500 m, 850 nm, 400MHz*km | 0 ~ 1100 m, 1310 nm, 800MHz*km | N/A | N/A |
| 多模 62.5/125 μ m | N/A | 0 ~ 4 km 1300 nm 500MHz*km | 0 ~ 4 km 1300 nm 500MHz*km | N/A | N/A | 0 ~ 275 m, 850 nm, 200MHz*km | 0 ~ 550 m, 1310 nm, 500 MHz*km | N/A | N/A |
| 单模 62.5/125 μ m | N/A | 0 ~ 40 km 1310 nm 3.5 ps/ (nm*km) | 0 ~ 40 km 1310 nm 3.5 ps/ (nm*km) | 0 ~ 80 km 1550 nm 19 ps/ (nm*km) | N/A | N/A | 0 ~ 10 km, 1310 nm, 3.5 ps/ (nm*km) | 0 ~ 40 km, 1310 nm 3.5 ps/ (nm*km) | 0 ~ 80 km, 1550nm 19 ps/ (nm*km) |
| **电源** | | | | | | | | | |
| 输入电压 | 24 VDC 电源输入 (supplied by EDS-726) | | | | | | | | |
| **工作环境** | | | | | | | | | |
| 标准工作温度 | 0 ~ 60°C (32 ~ 140°F) | | | | | | | | |
| **通过认证** | | | | | | | | | |
| 安全性 | UL60950, UL508, CSA C22.2 No. 60950, EN60950 ( 认证中 ) | | | | | | | | |
| 危险区域认证 | UL/cUL Class 1, Div 2, ATEX Class 1, Zone 2 ( 认证中 ) | | | | | | | | |
| EMI | FCC Part 15, CISPR(EN55022) Class A | | | | | | | | |
| EMS | EN61000-4-2/3/4/5/6/8/11/12 | | | | | | | | |
| 冲击 | IEC60068-2-27 | | | | | | | | |
| 掉落 | IEC60068-2-32 | | | | | | | | |
| 震动 | IEC60068-2-6 | | | | | | | | |

# 网管型以太网交换机



| 产品型号 | EDS-518A系列 |
|---|---|
| 产品描述 | 千兆网管型冗余以太网交换机 |
| 端口数量 | 最多可以达到18个端口(16个百兆口+ 2 个千兆口) |
| 接口描述 | |
| 10/100BaseT(X), RJ45端口 | 16个 或者 14个RJ45接口的两类选择 |
| 100BaseFX, ST 或 SC连接头 | 最多可达2个 |
| 10/100/1000BaseT(X), RJ45端口 | 2 (内置) |
| 1000BaseSX/LX/LHX/ZX, SFP, LC连接头 | 最多可达2个 |
| 控制台端口, RS-232 (RJ45) | Yes, 支持ABC-01(自动备份设定工具) |
| 报警输出 | 2个可配置的继电器输出 |
| 数字输入 | 2个数字输入 |
| 冗余功能 | |
| 网络冗余 | 支持Turbo Ring协议(恢复时间<300 ms)，支持 RSTP/STP |
| 电源冗余 | 24VDC 冗余电源输入 |
| 网络管理及控制功能 | |
| SNMP协议 | V1/ V2c/ V3 |
| IGMP Snooping and GMRP | IGMP V1/ V2/ V3 device 和 GMRP |
| 基于端口的VLAN, IEEE802.1Q VLAN及GVRP | Yes |
| QoS, IEEE802.1p/1Q and TOS DiffServ | Yes |
| MIB | MIB-II, Ethernet-Like MIB, P-BRIDGE MIB, Q-BRIDGE MIB, RSTP/STP MIB, RMON MIB 1,2,3,9 |
| RMON | Group 1, 2, 3, 9 |
| SNMP OPC接口软件 | EDS-SNMP OPC Server Pro (可选) |
| 端口聚合功能 | 802.3ad Link Aggregation Control 协议 (LACP) ,静态端口聚合功能 |
| 安全通讯功能 | IEEE802.1X, Static Port Lock, SNMP V3 SHA/MD5 authentication and data encryption |
| 报警功能 | LED灯显示, 继电器输出, E-mail报警, 镜像端口, Trap功能 |
| 配置方式 | Web浏览器, Telnet控制台, Moxa Windows utility, ABC-01(自动备份设定工具) |
| 设备管理功能 | 速率限制, 端口锁定, 设备IP地址的设置, 断线快速恢复 |
| 其他 | DHCP Server/Client, BOOTP, TFTP, SNTP, SNMP, RARP, 配置/log file/firmware import/export, Trap |
| 电源 | |
| 输入电压 | 24 VDC (12 ~ 45 VDC) |
| 过载电流保护 | 提供 |
| 工作环境 | |
| 标准工作温度 | 0 ~ 60°C (32 ~ 140°F) |
| 通过认证 | |
| 安全性 | UL60950, UL508, CSA C22.2 No. 60950, EN60950 (认证中) |
| 危险区域认证 | UL/cUL Class 1, Div 2, ATEX Class 1, Zone 2 (认证中) |
| EMI | FCC Part 15, CISPR(EN55022) Class A |
| EMS | EN61000-4-2/3/4/5/6/8/11/12 |
| 冲击 | IEC60068-2-27 |
| 掉落 | IEC60068-2-32 |
| 震动 | IEC60068-2-6 |





| 产品型号 | EDS-508A/505A 系列 | EDS-408A/405A 系列 |
|---|---|---|
| 产品描述 | 网管型冗余以太网交换机 | 网管型冗余以太网交换机 |
| 端口数量 | 8 口或 5 口 | 8 口或 5 口 |
| 接口描述 | | |
| 10/100BaseT(X), RJ45 端口 | 全电口系列提供 8 口或 5 口两种型号<br>带两个光口系列提供 6 口或 3 口两类 | 全电口系列提供 8 口或 5 口两种型号<br>带两个光口系列提供 6 口或 3 口两类 |
| 100BaseFX | 2 个单模或者 2 个多模 | 2 个单模或者 2 个多模 |
| 控制台端口 , RS-232 (RJ45) | Yes, 支持 ABC-01( 自动备份设定工具 ) | Yes, 支持 ABC-01( 自动备份设定工具 ) |
| 报警输出 | 2 个可配置的继电器输出 | 1 个可配置的继电器输出 |
| 数字输入 | 2 个 | N/A |
| 传输距离 | | |
| 双绞线端口 | 0 ~ 100 m | 0 ~ 100 m |
| 多模 , 50/125 µm | 0 ~ 5 km | 0 ~ 5 km |
| 多模 , 62.5/125 µm | 0 ~ 4 km | 0 ~ 4 km |
| 单模 , 9/125 µm | 0 ~ 40 km 或 0 ~ 80 km | 0 ~ 40 km 或 0 ~ 80 km |
| 冗余功能 | | |
| 网络冗余 | 支持 Turbo Ring 协议 ( 恢复时间 <300 ms),<br>支持 RSTP/STP | 支持 Turbo Ring 协议 ( 恢复时间 <300 ms),<br>支持 RSTP/STP |
| 电源冗余 | 24VDC 冗余电源输入 | 24VDC 冗余电源输入 |
| 网络管理及控制功能 | | |
| SNMP 协议 | V1 / V2c / V3 | V1 / V2c / V3 |
| IGMP Snooping | IGMP V1/ V2/ V3 设备及 GMRP | N/A |
| 基于端口的 VLAN, IEEE802.1Q VLAN 及 GVRP | Yes | 基于端口的 VLAN(only) |
| QoS, IEEE802.1p/1Q 及 TOS DiffServ | Yes | Layer2 CoS |
| MIB | MIB-II, Ethernet-Like MIB, P-BRIDGE MIB, Q-BRIDGE MIB,<br>RSTP/STP MIB, RMON MIB Group 1, 2, 3, 9 | MIB-II, Ethernet-Like MIB, RSTP/STP MIB,<br>RMON MIB Group 1, 2, 3, 9 |
| 端口聚合功能 | IEEE802.3ad Link Aggregation Control 协议 (LACP), 静态端口聚合 | N/A |
| RMON | RMON Group 1, 2, 3, 9 | RMON Group 1, 2, 3, 9 |
| SNMP OPC 接口软件 | EDS-SNMP OPC Server Pro ( 可选 ) | EDS-SNMP OPC Server Pro ( 可选 ) |
| 报警功能 | LED 灯显示 , 继电器输出 , E-mail 报警 , 镜像端口 , Trap 功能 | LED 灯显示 , 继电器输出 , E-mail 报警 , 镜像端口 , Trap 功能 |
| 配置方式 | Web 浏览器 , Telnet 控制台 , Moxa Windows utility, ABC-01( 自动备份设定工具 ) | Web 浏览器 , Telnet 控制台 , Moxa Windows utility, ABC-01( 自动备份设定工具 ) |
| 设备管理功能 | 速率限制 , 端口锁定 , 设备 IP 地址的设置 , 断线快速恢复 | 设备 IP 地址的设置 , 断线快速恢复 |
| 其他 | Trap, DHCP Server/Client, BOOTP, TFTP, SNTP,<br>configuration/log file/firmware import/export | Trap, DHCP Server/Client, BOOTP, TFTP, SNTP,<br>configuration/log file/firmware import/export |
| 电源 | | |
| 输入电压 | 24 VDC (12 ~ 45 VDC) | 24 VDC (12 ~ 45 VDC) |
| 过载电流保护 | 提供 | 提供 |
| 工作环境 | | |
| 标准工作温度 | 0 ~ 60°C (32 ~ 140°F) | 0 ~ 60°C (32 ~ 140°F) |
| 宽温型号 | -40 ~ 75°C (-40 ~ 167°F) | -40 ~ 75°C (-40 ~ 167°F) |
| 通过认证 | | |
| 安全性 | UL60950, UL508, CSA C22.2 No. 60950, EN60950( 认证中 ) | UL60950, UL508, CSA C22.2 No. 60950, EN60950( 认证中 ) |
| 危险区域认证 | UL/cUL Class 1, Div 2, ATEX Class 1, Zone 2( 认证中 ) | UL/cUL Class 1, Div 2, ATEX Class 1, Zone 2( 认证中 ) |
| EMI | FCC Part 15, CISPR(EN55022) Class A | FCC Part 15, CISPR(EN55022) Class A |
| EMS | EN61000-4-2/3/4/5/6/8/11/12 | EN61000-4-2/3/4/5/6/8/11/12 |
| 冲击 | IEC60068-2-27 | IEC60068-2-27 |
| 掉落 | IEC60068-2-32 | IEC60068-2-32 |
| 震动 | IEC60068-2-6 | IEC60068-2-6 |

# 非网管型交换机







| 产品型号 | EDS-316系列 | EDS-308 /305 系列 | EDS-208 /205 系列 |
|---|---|---|---|
| 产品描述 | 非网管型以太网交换机 | 非网管型以太网交换机 | 入门级以太网交换机 |
| 端口数量 | 16 | 8 或 5 | 8 或 5 |
| 接口描述 | | | |
| 10/100BaseT(X), RJ45端口 | 16、15个或 14个RJ45接口 | 8 个 (EDS-308)/5 个 (EDS-305) 或 7 个 (EDS-308)/4 个 (EDS-305)RJ45 接口 | 8 个 (EDS-208)/ 5 个 (EDS-205) 或 7 个 (EDS-208)RJ45 接口 |
| 100BaseFX | 2/1个单模, 2/1个多模, 或者 1个单模+1个多模 | 单模 2/1 个 (EDS-308)/ 1 个 (EDS-305)<br>多模 2/1 个 (EDS-308)/ 1 个 (EDS-305) | 1 个多模 (EDS-208) |
| 控制台端口, RS-232 (RJ45) | N/A | N/A | N/A |
| 报警输出 | 1个继电器输出 | 1 个继电器输出 | N/A |
| 传输距离 | | | |
| 双绞线端口 | 0 ~ 100 m | 0 ~ 100 m | 0 ~ 100 m |
| 多模, 50/125 µm | 0 ~ 5 km | 0 ~ 5 km | 0 ~ 5 km |
| 多模, 62.5/125 µm | 0 ~ 4 km | 0 ~ 4 km | 0 ~ 4 km |
| 单模, 9/125µm | 0 ~ 40 km 或 0 ~ 80 km | 0 ~ 15 km 或 0 ~ 40 km 或 0 ~ 80 km | N/A |
| 冗余功能 | | | |
| 电源冗余 | 24VDC冗余电源输入 | 24VDC 冗余电源输入 | N/A |
| 网络管理及控制功能 | | | |
| 报警功能 | LED灯显示, 继电器输出 | LED 灯显示，继电器输出 | LED 灯显示 |
| 设备管理功能 | 端口中断, 可由继电器输出报警; 广播风暴屏蔽 | 端口中断，可由继电器输出报警；广播风暴屏蔽 | 广播风暴屏蔽 |
| 电源 | | | |
| 输入电压 | 24 VDC (12 ~ 45 VDC) | 24 VDC (12 ~ 48 VDC) | 24 VDC (12 ~ 45 VDC) 或 24 VAC (18 ~ 30 VAC) |
| 过载电流保护 | 提供 | 提供 | 提供 |
| 工作环境 | | | |
| 标准工作温度 | 0 ~ 60°C (32 ~ 140°F) | 0 ~ 60°C (32 ~ 140°F) | 0 ~ 60°C (32 ~ 140°F) |
| 宽温型号 | -40 ~ 75°C (-40 ~ 167°F) | -40 ~ 75°C (-40 ~ 167°F) | N/A |
| 通过认证 | | | |
| 安全性 | UL60950, UL508, CSA C22.2 No. 60950, EN60950(认证中) | UL60950, UL508, CSA C22.2 No. 60950, EN60950 | UL508 |
| 危险区域认证 | UL/cUL Class 1, Div 2, ATEX Class 1, Zone 2(认证中) | UL/cUL Class 1, Div 2, ATEX Class 1, Zone 2 | N/A |
| EMI | FCC Part 15, CISPR(EN55022) Class A | FCC Part 15, CISPR(EN55022) Class A | FCC Part 15, CISPR(EN55022) Class A |
| EMS | EN61000-4-2/3/4/5/6 | EN61000-4-2/3/4/5/6 | EN61000-4-2/3/4/5/6 |
| 冲击 | IEC60068-2-27 | IEC60068-2-27 | IEC60068-2-27 |
| 掉落 | IEC60068-2-32 | IEC60068-2-32 | IEC60068-2-32 |
| 震动 | IEC60068-2-6 | IEC60068-2-6 | IEC60068-2-6 |

# 工业级无线以太网产品





| 产品型号 | AWK-1100-EU | AWK-1100-US |
|---|---|---|
| 产品描述 | Industrial IEEE802.11g Wireless AP/Birdge/AP Client | Industrial IEEE802.11g Wireless AP/Birdge/AP Client |
| 端口数量 | 1 | 1 |
| **WLAN** | | |
| 传输标准 | 802.11g/b | 802.11g/b |
| 频段 | 2.4 GHz - 2.4835 GHz | 2.4 GHz - 2.4835 GHz |
| 工作频道 | 1 ~ 13 (ETSI) | 1 ~ 11 (FCC) |
| **接口描述** | | |
| 10/100BaseT(X), RJ45端口 | 1 | 1 |
| 传输距离 | | |
| 双绞线端口 | 0 ~ 100 m | 0 ~ 100 m |
| **冗余功能** | | |
| 电源冗余 | 24VDC冗余电源输入或者以太网线供电(802.3af) | 24VDC冗余电源输入或者以太网线供电(802.3af) |
| **网络管理及控制功能** | | |
| 报警功能 | LED灯显示 | LED灯显示 |
| **电源** | | |
| 输入电压 | 24 VDC (12 ~ 45 VDC) | 24 VDC (12 ~ 45 VDC) |
| 过载电流保护 | 提供 | 提供 |
| **工作环境** | | |
| 标准工作温度 | 0 ~ 60°C (32 ~ 140°F) | 0 ~ 60°C (32 ~ 140°F) |
| **通过认证** | | |
| 发射 | EN 300 328-1/-2 | FCC Part 15.247 |
| 安全性 | EN 60950-1: 2001 | UL 60950 |
| EMC | EN 301 489-1/17 | |
| 冲击 | IEC60068-2-27 | IEC60068-2-27 |
| 掉落 | IEC60068-2-32 | IEC60068-2-32 |
| 震动 | IEC60068-2-6 | IEC60068-2-6 |
| 保修 | 5年 | 5年 |

# 设备安全联网服务器





| 产品型号 | | NPort 6150 | NPort 6250 | NPort 6250-M-SC |
|---|---|---|---|---|
| 网络接口 | 10/100M以太网 | 1 口 | 1 口 | --- |
| | 10M光纤 | --- | --- | 多模 |
| | 接口类型 | RJ45 | RJ45 | SC |
| | 扩展槽 | --- | --- | --- |
| | 10/100BaseT RJ45模块 | --- | --- | --- |
| | 多模SC接口模块 | --- | --- | --- |
| | 单模SC接口模块 | --- | --- | --- |
| | 并口模块 | --- | --- | --- |
| | PoE(IEEE802.3af) | v | v | v |
| | 1.5KV电磁隔离保护 | v | v | v |
| 串行接口 | RS-232/422/485 | 1 口, DB9(M) | 2 口, DB9(M) | 2 口, DB9(M) |
| | 速率 | 50 bps ~ 921.6 Kbps | | |
| | 通讯参数 | Parity: None, Even, Odd, Space, Mark; Data Bits: 5, 6, 7, 8; Stop Bit: 1, 1.5, 2 | | |
| | 流控（RTC /CTS /XON /XOFF） | v | v | v |
| | 2KV光电隔离保护 | --- | --- | --- |
| | 15KV ESD保护 | v | v | v |
| | 自定义波特率 | v | v | v |
| | ADDC™ | v | v | v |
| 软件特点 | 协议 | ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, Rtelnet, DNS, SNMP, HTTP, SMTP, SNTP, ARP, SSH, SSL | | |
| | 管理工具 | NPort Administration Suite for Windows 95/98/ME/NT/2000/XP/2003 | | |
| | 支持操作系统 | Windows 95/98/ME/NT/2000/XP/2003/XP x64/2003 x64 COM driver, Linux real TTY driver | | |
| | 配置方式 | Web/Serial/Telnet Console, or Windows Utility, SSH | | |
| 操作模式 | | Real COM, TCP Server, TCP Client, UDP, Pair Connection, RFC2217, Reverse Telnet, Ethernet Modem,<br>SSH Terminal, Reverse SSH Terminal, Printer, PPP Mode, Disabled Mode | | |
| 安全功能 | 带安全认证的Real COM | Secure RealCOM, Secure TCP Server, Secure TCP Client, Secure Pair Connection, SSH, Reverse SSH | | |
| 内嵌高级功能 | HMI LCM显示，带4个操作按钮 | --- | --- | --- |
| | 串口数据日志 | 64 KB | 64 KB | 64 KB |
| | 断线时端口缓存 | 64 KB | 64 KB | 64 KB |
| | 提供SD卡插槽 | --- | v | v |
| | 蜂鸣器 | v | v | v |
| | 实时时钟 | v | v | v |
| | 看门狗时钟 | v | v | v |
| 电源输入 | 电源输入 | 12-48 VDC | 12-48 VDC | 12-48 VDC |
| 机械特性 | 上盖：铝制(1mm) | v | v | v |
| | 塑料外部配件 | v | v | v |
| | 下盖：SECC(1mm) | v | v | v |
| | 尺寸(W × H × D) | 67 x 28 x 100.4 mm<br>(2.63 x 1.1 x 3.95 in) | 77 x 28 x 111 mm<br>(3 x 1.1 x 4.37 in) | 77 x 28 x 111 mm<br>(3 x 1.1 x 4.37 in) |
| | 导轨/壁挂式安装 | v | v | v |
| 工作环境 | 工作温度 | 0 ~ 55°C (32 ~ 131°F), 5 ~ 95% RH | | |
| | 储存温度 | -20 ~ 85°C (-4 ~ 185°F), 5 ~ 95% RH | | |
| 安规认证 | 安全认证 | UL UL60950-1, TÜV EN60950-1 | | |
| | EMC | FCC Part 15, Subpart B, Class A, CE EN55022 Class A, CE EN55024 | | |
| | EN61000-4-2(ESD) | 4 KV contact | | |
| | EN61000-4-4(EFT) | 1 KV (Power) | | |
| | EN61000-4-5(Surge) | 2 KV (Power) | | |
| 保修期 | | 5年 | | |






| NPort 6250-S-SC | NPort 6450 | NPort 6650-8 | NPort 6650-16 |
|---|---|---|---|
| --- | 1 | 1 | 1 |
| 单模 | --- | --- | --- |
| RJ45 | RJ45 | RJ45 | RJ45 |
| --- | 1 | 1 | 1 |
| --- | 可选 | 可选 | 可选 |
| --- | 可选 | 可选 | 可选 |
| --- | 可选 | 可选 | 可选 |
| --- | 可选 | 可选 | 可选 |
| v | v | v | v |
| v | v | v | v |
| 2 DB9(M) | 4 DB9(M) | 8 RJ-45 | 16 RJ-45 |
| 50 bps ~ 921.6 Kbps | | | |
| Parity: None, Even, Odd, Space, Mark; Data Bits: 5, 6, 7, 8; Stop Bit: 1, 1.5, 2 | | | |
| v | v | v | v |
| v | --- | --- | --- |
| v | v | v | v |
| v | v | v | v |
| v | v | v | v |
| ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, Rtelnet, DNS, SNMP, HTTP, SMTP, SNTP, ARP, SSH, SSL | | | |
| NPort Administration Suite for Windows 95/98/ME/NT/2000/XP/2003 | | | |
| Windows 95/98/ME/NT/2000/XP/2003/XP x64/2003 x64 COM driver, Linux real TTY driver | | | |
| Web/Serial/Telnet Console, or Windows Utility, SSH | | | |
| Real COM, TCP Server, TCP Client, UDP, Pair Connection, RFC2217, Reverse Telnet, Ethernet Modem, SSH Terminal, Reverse SSH Terminal, Printer, PPP Mode, Disabled Mode | | | |
| Secure Real COM, Secure TCP Server, Secure TCP Client, Secure Pair Connection, SSH, Reverse SSH | | | |
| --- | v | v | v |
| 64 KB | 64 KB | 64 KB | 64 KB |
| 64 KB | 64 KB | 64 KB | 64 KB |
| --- | v | v | v |
| v | v | v | v |
| v | v | v | v |
| v | v | v | v |
| 12-48 VDC | 12-48 VDC | 100-240 VAC, 47-63 Hz | 100-240 VAC, 47-63 Hz |
| v | v | v | v |
| v | v | v | v |
| v | v | v | v |
| 77 x 28 x 111 mm (3 x 1.1 x 4.37 in) | 158 x 33 x 103 mm (6.22 x 1.29 x 4 in) | 440 x 44 x 195 mm (17.32 x 1.73 x 7.67 in) | 440 x 44 x 195 mm (17.32 x 1.73 x 7.67 in) |
| v | v | v | v |
| 0 ~ 55°C (32 ~ 131°F), 5 ~ 95% RH | | | |
| -20 ~ 85°C (-4 ~ 185°F), 5 ~ 95% RH | | | |
| UL UL60950-1, TÜV EN60950-1 | | | |
| FCC Part 15, Subpart B, Class A, CE EN55022 Class A, CE EN55024 | | | |
| 4 KV contact | | | |
| 4 KV contact | | | |
| 4 KV contact | | | |
| 5年 | | | |

# 工业级设备联网服务器





| 产品型号 | | NPort IA5150 | NPort IA5150I | NPort IA5150-M-SC |
|---|---|---|---|---|
| 网络接口 | 以太网(10/100Base TX) | v | v | --- |
| | 接口类型 | RJ45 | RJ45 | --- |
| | 光纤(100Base FX) | --- | --- | 多模 |
| | 接口(DB9) | --- | --- | SC |
| | 级联功能 | v | v | --- |
| | 1.5KV电磁隔离保护 | v | v | v |
| 串行接口 | RS-232/422/485 | 1 口 | 1 口 | 1 口 |
| | 接口类型(限RS-232) | Male DB9 (RS-232); 5-pin Terminal Block (RS-422/485) | Male DB9 (RS-232); 5-pin Terminal Block (RS-422/485) | Male DB9 (RS-232); 5-pin Terminal Block (RS-422/485) |
| | 速率 | 110 bps ~ 230.4 Kbps | 110 bps ~ 230.4 Kbps | 110 bps ~ 230.4 Kbps |
| | 通讯参数 | Parity: None, Even, Odd, Space, Mark; Data Bits: 5,6, 7, 8; Stop Bit: 1, 1, 5, 2 | | |
| | 流控(RTC /CTS /XON /XOFF) | v | v | v |
| | Console口(RS-232) | v | v | v |
| | 2KV光电隔离保护 | --- | v | --- |
| | 15 KV ESD保护 | v | v | v |
| | ADDC™ | v | v | v |
| 软件特点 | 协议 | ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, Rtelnet, DNS, SNMP, HTTP, SMTP, SNTP, ARP | | |
| | 管理工具 | NPort Administration Suite for Windows 95/98/ME/NT/2000/XP/2003 | | |
| | 支持操作系统 | Windows 95/98/ME/NT/2000/XP/2003/XP x64/2003 x64 COM driver, Linux real TTY driver | | |
| | 配置方式 | Web/Serial/Telnet Console, or Windows Utility | | |
| 操作模式 | | Real COM, TCP server, TCP client, UDP, Pair Connection, Ethernet Modem, Reverse Telnet, Disabled Mode | | |
| 内嵌高级功能 | | Buzzer, Real-Time Clock, Watch Dog Timer, Relay out | | |
| 电源输入 | 电源输入 | 12-48 VDC | | |
| | 冗余电源输入 | v | v | v |
| | 电源功耗 | 358 mA@12V (max.) | 417 mA@12V (max.) | 358 mA@12V (max.) |
| 机械特性 | 外壳：PC(Polycarbonate, 2mm) | v | v | v |
| | 尺寸(W × H × D) | 29 x 89.2 x 118.5 mm (1.14 x 3.51 x 4.66 in) | 29 x 89.2 x 118.5 mm (1.14 x 3.51 x 4.66 in) | 29 x 89.2 x 118.5 mm (1.14 x 3.51 x 4.66 in) |
| | IP30保护 | v | v | v |
| | 导轨/壁挂式安装 | v | v | v |
| 工作环境 | 工作温度 | 0 ~ 55°C (32 ~ 131°F), 5 ~ 95% RH | | |
| | 存储温度 | -40 ~ 75°C (-40 ~ 167°F) | | |
| 安规认证 | 安全认证 | UL UL60950-1, UL 508, TÜV EN60950-1 | | |
| | EMC | FCC Part 15, Subpart B, Class A, CE EN55022 Class A, CE EN55024 | | |
| | 危险区域认证 | UL/cUL Class 1, Division 2, Groups A, B, C, and D, ATEX Class 1, Zone 2 | | |
| | 防震 | IEC60068-2-27 | | |
| | 跌落 | IEC60068-2-23 | | |
| | 振动 | IEC60068-2-6 | | |
| | EN61000-4-2(ESD) | 6 KV contact | | |
| | EN61000-4-4(EFT) | 4 KV (Power) | | |
| | EN61000-4-5(Surge) | 2 KV (Power) | | |
| | EN61000-4-8(RS) | level 3 | | |
| | EN61000-4-6(CS) | level 3 | | |
| | EN61000-4-8 | Pass | | |
| | EN61000-4-11 | Pass | | |
| | EN61000-4-12 | Pass | | |
| 保修期 | | 5年 | | |






| NPort IA5150I-M-SC | NPort IA5150-S-SC | NPort IA5150I-S-SC | NPort IA5250 |
|---|---|---|---|
| --- | --- | --- | v |
| --- | --- | --- | RJ45 |
| 多模 | 单模 | 单模 | --- |
| SC | SC | SC | --- |
| --- | --- | --- | v |
| v | v | v | v |
| 1 口 | 1 口 | 1 口 | 2 口 |
| Male DB9 (RS-232);<br>5-pin Terminal Block (RS-422/485) | Male DB9 (RS-232);<br>5-pin Terminal Block (RS-422/485) | Male DB9 (RS-232);<br>5-pin Terminal Block (RS-422/485) | Male DB9 (RS-232/422/485) |
| 110 bps ~ 230.4 Kbps | 110 bps ~ 230.4 Kbps | 110 bps ~ 230.4 Kbps | 110 bps ~ 230.4 Kbps |
| Parity: None, Even, Odd, Space, Mark; Data Bits: 5,6, 7, 8; Stop Bit: 1, 1, 5, 2 | | | |
| v | v | v | v |
| v | v | v | v |
| v | --- | v | --- |
| v | v | v | v |
| v | v | v | v |
| ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, Rtelnet, DNS, SNMP, HTTP, SMTP, SNTP, ARP | | | |
| NPort Administration Suite for Windows 95/98/ME/NT/2000/XP/2003 | | | |
| Windows 95/98/ME/NT/2000/XP/2003/XP x64/2003 x64 COM driver, Linux real TTY driver | | | |
| Web/Serial/Telnet Console, or Windows Utility | | | |
| Real COM, TCP server, TCP client, UDP, Pair Connection, Ethernet Modem, Reverse Telnet, Disabled Mode | | | |
| Buzzer, Real-Time Clock, Watch Dog Timer, Relay out | | | |
| 12-48 VDC | | | |
| v | v | v | v |
| 358 mA@12V (max.) | 417 mA@12V (max.) | 358 mA@12V (max.) | 390 mA@12V (max.) |
| v | v | v | v |
| 29 x 89.2 x 118.5 mm<br>(1.14 x 3.51 x 4.66 in) | 29 x 89.2 x 118.5 mm<br>(1.14 x 3.51 x 4.66 in) | 29 x 89.2 x 118.5 mm<br>(1.14 x 3.51 x 4.66 in) | 29 x 89.2 x 118.5 mm<br>(1.14 x 3.51 x 4.66 in) |
| v | v | v | v |
| v | v | v | v |
| 0 ~ 55°C (32 ~ 131°F), 5 ~ 95% RH | | | |
| -40 ~ 75°C (-40 ~ 167°F) | | | |
| UL UL60950-1, UL 508, TÜV EN60950-1 | | | |
| FCC Part 15, Subpart B, Class A, CE EN55022 Class A, CE EN55024 | | | |
| UL/cUL Class 1, Division 2, Groups A, B, C, and D, ATEX Class 1, Zone 2 | | | |
| IEC60068-2-27 | | | |
| IEC60068-2-23 | | | |
| IEC60068-2-6 | | | |
| 4KV contact | | | |
| 1KV (Power) | | | |
| 2KV (Power) | | | |
| level 3 | | | |
| level 3 | | | |
| Pass | | | |
| Pass | | | |
| Pass | | | |
| 5年 | | | |

# 串口设备联网服务器





| 产品型号 | | | NPort 5110 | NPort 5130 | NPort 5150 |
|---|---|---|---|---|---|
| 网络接口 | 10/100M以太网 | | v | v | v |
| | 1.5KV电磁隔离保护 | | v | v | v |
| 串行接口 | 串口数量 | RS-232 | 1 | --- | --- |
| | | RS-422/485 | --- | 1 | --- |
| | | RS-232/422/485 | --- | --- | 1 |
| | 接口类型 | | DB9 (M) | DB9 (M) | DB9 (M) |
| | 速率 | | 110 bps ~ 230.4 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps |
| | 通讯参数 | | Parity: None, Even, Odd, Space, Mark; Data Bits: 5,6, 7, 8; Stop Bit: 1, 1, 5, 2 | | |
| | 流控(RTC /CTS /XON /XOFF) | | v | XON/XOFF only | v |
| | Console口(RS-232) | | v | --- | v |
| | 2KV光电隔离保护 | | --- | --- | --- |
| | 15KV ESD保护 | | v | v | v |
| | ADDC™ | | --- | --- | --- |
| 软件特点 | 协议 | | ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, Rtelnet, DNS, SNMP, HTTP, SMTP, SNTP, ARP | | |
| | 管理工具 | | NPort Administration Suite for Windows 95/98/ME/NT/2000/XP/2003 | | |
| | 支持操作系统 | | Windows 95/98/ME/NT/2000/XP/2003/XP x64/2003 x64 COM driver, Linux real TTY driver, SCO Unix, SCO OpenServer 5, UnixWare 7, UnixWare 2.1.x, SVR4.2, QNX | | |
| | 配置方式 | | Web/Serial/Telnet Console, or Windows Utility | | |
| 操作模式 | Real COM, TCP Server, TCP Client, UDP, Pair Connection | | v | v | v |
| | Reverse Telnet | | v | v | v |
| | Disabled Mode | | v | v | v |
| | Ethernet Modem | | v | --- | --- |
| 内嵌高级功能 | | | Watch Timer | | |
| 电源输入 | 电源输入 | | 12-48 VDC | | |
| | 电源功耗 | | 128.7 mA@12V, 72 mA@24V | 200 mA@12V, 72 mA@24V | 200 mA@12V, 72 mA@24V |
| 机械特性 | 外壳 | 铝制外壳 (1 mm) | v | v | v |
| | | SECC (1mm) | --- | --- | --- |
| | 尺寸(W × H × D) | | 52 × 80 × 22 mm (2.05 × 3.15 × 0.87 in) | 52 × 80 × 22 mm (2.05 × 3.15 × 0.87 in) | 52 × 80 × 22 mm (2.05 × 3.15 × 0.87 in) |
| | 导轨/壁挂式安装 | | v | v | v |
| 工作环境 | 工作温度 | | 0 ~ 55°C (32 ~ 131°F), 5 ~ 95% RH | | |
| | 存储温度 | | -20 ~ 70°C (-4 ~ 158°F), 5 ~ 95% RH | | |
| | 宽温型号-40 ~ 75°C (-40 ~ 167°F) | | --- | --- | --- |
| 安规认证 | 安全认证 | UL | UL60950-1 | UL60950-1 | UL60950-1 |
| | | TÜV | EN60950-1 | EN60950-1 | EN60950-1 |
| | EMC | FCC Part 15, Subpart B | Class A | Class A | Class A |
| | | CE EN55022 / EN55024 | Class A | Class A | Class A |
| | 医学应用认证 | EN60601-1-2 Class B | --- | --- | --- |
| | | EN55011 | --- | --- | --- |
| | EN61000-4-2 (ESD) | | 4 KV contact | | |
| | EN61000-4-4 (EFT) | | 1 KV (Power) | | |
| | EN61000-4-5 (Surge) | | 2 KV (Power) | | |
| | DNV | | --- | --- | --- |
| 保修期 | | | 5年 | | |







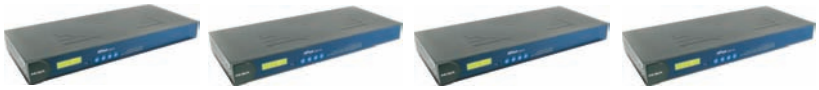

| NPort 5210 | NPort 5230 | NPort 5232 | NPort 5232I | DE-311 | DE-211 |
|---|---|---|---|---|---|
| v | v | v | v | v | 10M Ethernet |
| v | v | v | v | v | v |
| 2 | 1 | --- | --- | --- | --- |
| --- | 1 | 2 | 2 | --- | --- |
| --- | --- | --- | --- | 1 | 1 |
| RJ45 | Terminal Block | Terminal Block | Terminal Block | DB9 (F) | DB9 (F) |
| 110 bps 230.4 Kbps | 110 bps ~ 230.4 Kbps | 110 bps ~ 230.4 Kbps | 110 bps ~ 230.4 Kbps | 50 bps ~ 230.4 Kbps | 50 bsp ~ 230.4 Kbps |
| | | Parity: None, Even, Odd, Space, Mark; Data Bits: 5,6, 7, 8; Stop Bit: 1, 1, 5, 2 | | | |
| v | v | XON/XOFF only | XON/XOFF only | v | v |
| v | v | --- | --- | v | v |
| --- | --- | --- | v | --- | --- |
| v | v | v | v | v | v |
| --- | v | v | v | v | v |
| ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, Rtelnet, DNS, SNMP, HTTP, SMTP, SNTP, ARP | | | | ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, ARP | |
| NPort Administration Suite for Windows 95/98/ME/NT/2000/XP/2003 | | | | NPort Management Suite for Windows 95/98/ME/NT/2000/XP/2003 | |
| Windows 95/98/ME/NT/2000/XP/2003/XP x64/2003 x64 COM driver, Linux real TTY driver, SCO Unix, SCO OpenServer 5, UnixWare 7, UnixWare 2.1.x, SVR4.2, QNX | | | | | |
| Web Browser, Serial/Telnet Console, or Windows Utility | | | | Serial/Telnet Console, or Windows Utility | |
| v | v | v | v | v | v |
| v | v | v | v | --- | --- |
| v | v | v | v | --- | --- |
| --- | --- | --- | --- | v | v |
| 蜂鸣器，实时时钟，看门狗时钟 | | | | --- | --- |
| 12-48 VDC | | | | 9-30 VDC | 12-30 VDC |
| 305 mA@12V (max.) | 347.1 mA@12V (max.) | 359.6 mA@12V (max.) | 509.4 mA@12V (max.) | 300 mA@9V (max.) | 150 mA@12V (max.) |
| v | v | v | v | --- | --- |
| --- | --- | --- | --- | v | v |
| 90 × 100.4 × 22 mm (3.54 × 3.95 × 0.87 in) | 67 × 100.4 × 22 mm (2.64 × 3.95 × 0.87 in) | 67 × 100.4 × 22 mm (2.64 × 3.95 × 0.87 in) | 67 × 100.4 × 22 mm (2.64 × 3.95 × 0.87 in) | 67 × 100.4 × 22 mm (2.64 × 3.95 × 0.87 in) | 67 × 100.4 × 22 mm (2.64 × 3.95 × 0.87 in) |
| v | v | v | v | v | v |
| 0 ~ 55°C (32 ~ 131°F), 5 ~ 95% RH | | | | | |
| -20 ~ 70°C (-4 ~ 158°F), 5 ~ 95% RH | | | | | |
| NPort 5210-T | NPort 5230-T | NPort 5232-T | NPort 5232I-T | --- | --- |
| UL60950-1 | UL60950-1 | UL60950-1 | UL60950-1 | UL60950 | UL60950 |
| EN60950-1 | EN60950-1 | EN60950-1 | EN60950-1 | EN60950 | EN60950 |
| Class A | Class A | Class A | Class A | Class B | Class B |
| Class A | Class A | Class A | Class A | Class B | Class B |
| v | --- | --- | --- | v | --- |
| v | --- | --- | --- | v | --- |
| 4 KV contact | | | | | |
| 1 KV (Power) | | | | | |
| 2 KV (Power) | | | | | |
| --- | v | v | v | --- | --- |
| 5年 | | | | | |

# 串口设备联网服务器





| 产品型号 | | | NPort 5410 | NPort 5430 | NPort 5430I |
|---|---|---|---|---|---|
| 网络接口 | 10/100M以太网 | | v | v | v |
| | 1.5KV电磁隔离保护 | | v | v | v |
| 串行接口 | 串口数量 | RS-232 | 4 | --- | --- |
| | | RS-422/485 | --- | 4 | 4 |
| | 接口类型 | | Male DB9 | TB | TB |
| | 速率 | | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps |
| | 通讯参数 | | Parity: None, Even, Odd, Space, Mark; Data Bits: 5, 6, 7, 8; Stop Bit: 1, 1, 5, 2 | | |
| | 流控(RTC /CTS /XON /XOFF) | | v | XON/XOFF only | XON/XOFF only |
| | Console口(RS-232) | | v | v | v |
| | 2KV光电隔离保护 | | --- | --- | v |
| | 15KV ESD保护 | | v | v | v |
| | ADDC™ | | --- | v | v |
| 软件特点 | 协议 | | ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, Rtelnet, DNS, SNMP, HTTP, SMTP, SNTP | | |
| | 管理工具 | | NPort Administration Suite for Windows 95/98/ME/NT/2000/XP/2003 | | |
| | 支持操作系统 | | Windows 95/98/ME/NT/2000/XP/2003/XP x64/2003 x64 COM driver, Linux real TTY driver, SCO Unix,<br>SCO OpenServer 5, UnixWare 7, UnixWare 2.1.x, SVR4.2 | | |
| | 配置方式 | | Web/Serial/Telnet Console, or Windows Utility | | |
| 操作模式 | | | Real COM, TCP Server, TCP Client, UDP, Pair Connection, Reverse Telnet, Disabled Mode | | |
| 内嵌高级功能 | | | HMI LCM display with four push buttons, Buzzer, Real-Time Clock, Watch Dog Timer | | |
| 电源输入 | 电源输入 | | 12-48 VDC | | |
| | 电源功耗 | | 350 mA (@12V max.) | 360 mA (@12V max.) | 585 mA (@12V max.) |
| 机械特性 | 外壳：SECC(1mm) | | v | v | v |
| | 尺寸(W × H × D) | | With mounting kit: 176 × 35.5 × 103 mm; Without mounting kit: 158 × 33 × 104 mm<br>(6.93 × 1.4 × 4.06 in) (6.22 × 1.3 × 4.07 in) | | |
| | 导轨/壁挂式安装 | | v | v | v |
| 工作环境 | 工作温度 | | 0 ~ 55°C (32 ~ 131°F), 5 ~ 95% RH | | |
| | 存储温度 | | -20 ~ 70°C (-4 ~ 158°F), 5 ~ 95% RH | | |
| 安规认证 | 安全认证 | UL | UL60950-1 | UL60950-1 | UL60950-1 |
| | | TÜV | EN60950-1 | EN60950-1 | EN60950-1 |
| | EMC | FCC Part 15, Subpart B | Class A | Class A | Class A |
| | | CE EN55022 / EN55024 | Class A | Class A | Class A |
| | 医学应用认证 | EN60601-1-2 Class B | v | --- | --- |
| | | EN55011 | v | --- | --- |
| | EN61000-4-2(ESD) | | 4KV contact | | |
| | EN61000-4-4(EFT) | | 1KV (Power) | | |
| | EN61000-4-5(Surge) | | 2KV (Power) | | |
| 保修期 | | | 5年 | | |



| 产品型号 | | | NPort 5610-8 | NPort 5610-16 | NPort 5630-8 | NPort 5630-16 |
|---|---|---|---|---|---|---|
| 网络接口 | 10/100M以太网 | | v | v | v | v |
| | 100M光纤 | | --- | --- | --- | --- |
| | 接口类型 | | RJ45 | RJ45 | RJ45 | RJ45 |
| | 1.5KV电磁隔离保护 | | v | v | v | v |
| 串行接口 | 串口数量 | RS-232 | 8 | 16 | --- | --- |
| | | RS-422/485 | --- | --- | 8 | 16 |
| | | RS-232/422/485 | --- | --- | --- | --- |
| | 接口类型 | | RJ45 | RJ45 | RJ45 | RJ45 |
| | 速率 | | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps |
| | 通讯参数 | | Parity: None, Even, Odd, Space, Mark; Data Bits: 5, 6, 7, 8; Stop Bit: 1, 1, 5, 2 | | | |
| | 流控(RTC /CTS /XON /XOFF) | | v | v | XON/XOFF only | XON/XOFF only |
| | 2KV光电隔离保护 | | --- | --- | --- | --- |
| | 15KV ESD保护 | | v | v | v | v |
| | ADDC™ | | --- | v | --- | v |
| 软件特点 | 协议 | | ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, Rtelnet, DNS, SNMP, HTTP, SMTP, SNTP, ARP | | | |
| | 管理工具 | | NPort Administration Suite for Windows 95/98/ME/NT/2000/XP/2003 | | | |
| | 支持操作系统 | | Windows 95/98/ME/NT/2000/XP/2003/XP x64/2003 x64 COM driver, Linux real TTY driver, SCO Unix, SCO OpenServer 5, UnixWare 7, UnixWare 2.1.x, SVR4.2 | | | |
| | 配置方式 | | Web/Serial/Telnet Console, or Windows Utility | | | |
| 操作模式 | | | Real COM, TCP Server, TCP Client, UDP, Pair Connection, RFC2217, Reverse Telnet, Disabled Mode, PPP Mode | | | |
| 内嵌高级功能 | | | HMI LCM display with four push buttons, Buzzer, Real-Time Clock, Watch Dog Timer | | | |
| 电源输入 | 电源输入 | | 100 ~ 240 VAC, 47 ~ 63 Hz | | | |
| | 电源功耗 | | 200 mA 100 VAC, 145 mA 240 VAC | | 212 mA 100 VAC, | 130 mA 240 VAC |
| 机械特性 | 外壳 | 铝制外壳(1 mm) | v | v | v | v |
| | | SECC(1mm) | --- | --- | --- | --- |
| | 尺寸(W × H × D) | | 440 x 1.77 x 198 mm (17.3 x 1.77 x 7.8 in) | | | |
| | 导轨/壁挂式安装 | | v | v | v | v |
| 工作环境 | 工作温度 | | 0 ~ 55°C (32 ~ 131°F), 5 ~ 95% RH | | | |
| | 存储温度 | | -20 ~ 70°C (-4 ~ 158°F), 5 ~ 95% RH | | | |
| 安规认证 | 安全认证 | UL | UL60950 | UL60950 | UL60950 | UL60950-1 |
| | | TÜV | EN60950 | EN60950 | EN60950 | EN60950-1 |
| | EMC | FCC Part 15, Subpart B | Class A | Class A | Class A | Class A |
| | | CE EN55022 | Class A | Class A | Class A | Class A |
| | 医学应用认证 | EN55024 | v | v | v | v |
| | | IEC 61000-4-12 | --- | v | --- | --- |
| | EN61000-4-2 (ESD) | | 4 KV contact | | | |
| | EN61000-4-4 (EFT) | | 1 KV (Power) | | | |
| | EN61000-4-5 (Surge) | | 2 KV (Power) | | | |
| 保修期 | | | 5年 | | | |

# 串口设备联网服务器



| 产品型号 | | | NPort 5610-8-48 | NPort 5610-16-48 | NPort 5650-8 | NPort 5650-16 |
|---|---|---|---|---|---|---|
| 网络接口 | 10/100M以太网 | | v | v | v | v |
| | 100M光纤 | | --- | --- | --- | --- |
| | 接口类型 | | RJ45 | RJ45 | RJ45 | RJ45 |
| | 1.5KV电磁隔离保护 | | v | v | v | v |
| 串行接口 | 串口数量 | RS-232 | 8 | 16 | --- | --- |
| | | RS-422/485 | --- | --- | --- | --- |
| | | RS-232/422/485 | --- | --- | 8 | 16 |
| | 接口类型 | | RJ45 | RJ45 | RJ45 | RJ45 |
| | 速率 | | 50 bps ~ 921.6 Kbps | 0 ~ 921.6 Kbps | 0 ~ 921.6 Kbps | 0 ~ 921.6 Kbps |
| | 通讯参数 | | Parity: None, Even, Odd, Space, Mark; Data Bits: 5,6, 7, 8; Stop Bit: 1, 1, 5, 2 | | | |
| | 流控(RTC /CTS /XON /XOFF) | | v | v | v | v |
| | 2KV光电隔离保护 | | --- | --- | --- | --- |
| | 15KV ESD保护 | | v | v | v | v |
| | ADDC™ | | v | v | v | v |
| 软件特点 | 协议 | | ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, Rtelnet, DNS, SNMP, HTTP, SMTP, SNTP, ARP | | | |
| | 管理工具 | | NPort Administration Suite for Windows 95/98/ME/NT/2000/XP/2003 | | | |
| | 支持操作系统 | | Windows 95/98/ME/NT/2000/XP/2003/XP x64/2003 x64 COM driver, Linux real TTY driver, SCO Unix, SCO OpenServer 5, UnixWare 7, UnixWare 2.1.x, SVR4.2 | | | |
| | 配置方式 | | Web/Serial/Telnet Console, or Windows Utility | | | |
| 操作模式 | | | Real COM, TCP Server, TCP Client, UDP, Pair Connection, RFC2217, Reverse Telnet, Disabled Mode, PPP Mode | | | |
| 内嵌高级功能 | | | HMI LCM display with four push buttons, Buzzer, Real-Time Clock, Watch Dog Timer | | | |
| 电源输入 | 电源输入 | | 38 ~ 72 VDC | | 100 ~ 240 VAC, 47 ~ 63 Hz | |
| | 电源功耗 | | 215 mA @ 48V (max.) | | 158 mA @ 110V AC, 102mA @ 240V AC | |
| 机械特性 | 外壳 | 铝制外壳(1 mm) | v | v | v | v |
| | | SECC(1mm) | --- | --- | --- | --- |
| | 尺寸(W × H × D) | | 440 x 1.77 x 198 mm (17.3 x 1.77 x 7.8 in) | | | |
| | 导轨/壁挂式安装 | | v | v | v | v |
| 工作环境 | 工作温度 | | 0 ~ 55°C (32 ~ 131°F), 5 ~ 95% RH | | | |
| | 存储温度 | | -20 ~ 70°C (-4 ~ 158°F), 5 ~ 95% RH | | | |
| 安规认证 | 安全认证 | UL | UL60950 | UL60950 | UL60950-1 | UL60950-1 |
| | | TÜV | EN60950 | EN60950 | EN60950-1 | EN60950-1 |
| | EMC | FCC Part 15, Subpart B | Class A | Class A | Class A | Class A |
| | | CE EN55022 | Class A | Class A | Class A | Class A |
| | 医学应用认证 | EN55024 | v | v | v | v |
| | | IEC 61000-4-12 | v | --- | --- | --- |
| | EN61000-4-2 (ESD) | | 4 KV contact | | | |
| | EN61000-4-4 (EFT) | | 1 KV (Power) | | | |
| | EN61000-4-5 (Surge) | | 2 KV (Power) | | | |
| 保修期 | | | 5年 | | | |



| 产品型号 | | | NPort 5650-8-M-SC | NPort 5650-16-M-SC | NPort 5650-8-S-SC | NPort 5650-16-S-SC |
|---|---|---|---|---|---|---|
| 网络接口 | 10/100M以太网 | | --- | --- | --- | --- |
| | 100M光纤 | | 多模 | 多模 | 单模 | 单模 |
| | 接口类型 | | SC | SC | SC | SC |
| | 1.5KV电磁隔离保护 | | v | v | v | v |
| 串行接口 | 串口数量 | RS-232 | --- | --- | --- | --- |
| | | RS-422/485 | --- | --- | --- | --- |
| | | RS-232/422/485 | 8 | 16 | 8 | 16 |
| | 接口类型 | | RJ45 | RJ45 | RJ45 | RJ45 |
| | 速率 | | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps |
| | 通讯参数 | | Parity: None, Even, Odd, Space, Mark; Data Bits: 5, 6, 7, 8; Stop Bit: 1, 1, 5, 2 | | | |
| | 流控(RTC /CTS /XON /XOFF) | | v | v | v | v |
| | 2KV光电隔离保护 | | --- | --- | --- | --- |
| | 15KV ESD保护 | | v | v | v | v |
| | ADDC™ | | v | v | v | v |
| 软件特点 | 协议 | | ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, Rtelnet, DNS, SNMP, HTTP, SMTP, SNTP, ARP | | | |
| | 管理工具 | | NPort Administration Suite for Windows 95/98/ME/NT/2000/XP/2003 | | | |
| | 支持操作系统 | | Windows 95/98/ME/NT/2000/XP/2003/XP x64/2003 x64 COM driver, Linux real TTY driver, SCO Unix, SCO OpenServer 5, UnixWare 7, UnixWare 2.1.x, SVR4.2 | | | |
| | 配置方式 | | Web/Serial/Telnet Console, or Windows Utility | | | |
| 操作模式 | | | Real COM, TCP Server, TCP Client, UDP, Pair Connection, RFC2217, Reverse Telnet, Disabled Mode, PPP Mode | | | |
| 内嵌高级功能 | | | HMI LCM display with four push buttons, Buzzer, Real-Time Clock, Watch Dog Timer | | | |
| 电源输入 | 电源输入 | | 100 ~ 240 VAC, 47 ~ 63 Hz | | | |
| | 电源功耗 | | 174 mA @ 110 VAC, 113 mA @ 240 VAC | | 164 mA @ 110 VAC, 110 mA @ 240 VAC | |
| 机械特性 | 外壳 | 铝制外壳(1 mm) | v | v | v | v |
| | | SECC(1mm) | --- | --- | --- | --- |
| | 尺寸(W × H × D) | | 440 x 1.77 x 198 mm (17.3 x 1.77 x 7.8 in) | | | |
| | 导轨/壁挂式安装 | | v | v | v | v |
| 工作环境 | 工作温度 | | 0 ~ 55°C (32 ~ 131°F), 5 ~ 95% RH | | | |
| | 存储温度 | | -20 ~ 70°C (-4 ~ 158°F), 5 ~ 95% RH | | | |
| 安规认证 | 安全认证 | UL | UL60950-1 | UL60950-1 | UL60950-1 | UL60950-1 |
| | | TÜV | EN60950-1 | EN60950-1 | EN60950-1 | EN60950-1 |
| | EMC | FCC Part 15, Subpart B | Class A | Class A | Class A | Class A |
| | | CE EN55022 | Class A | Class A | Class A | Class A |
| | 医学应用认证 | EN55024 | v | v | v | v |
| | | IEC 61000-4-12 | --- | --- | --- | --- |
| | EN61000-4-2 (ESD) | | 4 KV contact | | | |
| | EN61000-4-4 (EFT) | | 1 KV (Power) | | | |
| | EN61000-4-5 (Surge) | | 2 KV (Power) | | | |
| 保修期 | | | 5年 | | | |

# 设备无线联网服务器





| 产品型号 | | | NPort W2150 | NPort W2250 | NPort W2004 |
|---|---|---|---|---|---|
| 无线 | 标准 | | 802.11b | 802.11b | 802.11b/g |
| | 信号类型 | | DSSS | DSSS | DSSS/OFDM |
| | 发射功率 11b | | 15 dBm ± 2 (CH1-Ch13), 12dBm ± 2 (CH14) | | 20 dBm |
| | 发射功率 11g | | --- | | 18 dBm |
| | 接收灵敏度 | | -84 dBm @ 11 Mbps, -87 dBm @ 5.5 Mbps, -89 dBm @ 2 Mbps , -91 dBm @ 1 Mbps | | -70 dBm @ 54 Mbps, -85 dBm @ 11 Mbps |
| | 传输速率 | | 11 Mbps (max.) with auto fallback (11, 5.5, 2, 1 Mbps) | | 54 Mbps (max.) with auto fallback (54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, 1 Mbps) |
| | 传输距离 | | Up ~ 100 meters (@ 11 Mbps, in open areas) | | Up ~ 300 meters (@ 12 Mbps, in open areas) |
| | 安全性 | | WEP 64-bit/128-bit | | |
| | 天线 | | Reverse SMA | | |
| | 网络模式 | | Infrastructure mode, Ad-Hoc mode | | |
| 网络接口 | 10/100M以太网 | | v | v | v |
| | 1.5KV电磁隔离保护 | | v | v | v |
| 串行接口 | RS-232/422/485 | | 1 口 | 2 口 | 4 port |
| | 接口类型 | | RJ45 | RJ45 | RJ45 |
| | 速率 | | 110 bps ~ 230.4 Kbps | 110 bps ~ 230.4 Kbps | 50 bps ~ 460.8 Kbsp |
| | 通讯参数 | | Parity: None, Even, Odd, Space, Mark; Data Bits: 5,6, 7, 8; Stop Bit: 1, 1, 5, 2 | | |
| | 流控(RTC /CTS /XON /XOFF) | | v | v | v |
| | Console口(RS-232) | | v | v | v |
| | 以太网Console | | v | v | v |
| | 15KV ESD保护 | | v | v | v |
| | ADDC™ | | v | v | v |
| | 串口日志 | | --- | --- | 64 KB |
| 软件特点 | 协议 | | ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, Rtelnet, DNS, SNMP, HTTP, SMTP, SNTP, ARP | | |
| | 管理工具 | | NPort Search Utility & NPort Windows Driver manager for Windows 95/98/ME/NT/2000/XP/2003 | | |
| | 支持操作系统 | | Windows 95/98/ME/NT/2000/XP/2003/XP x64/2003 x64 COM driver, Linux real TTY driver, SCO Unix, SCO OpenServer 5, UnixWare 7, UnixWare 2.1.x, SVR4.2 | | |
| | 配置方式 | | Web/Serial/Telnet Console | | |
| | HTTPS, SSH | | --- | --- | v |
| 操作模式 | | | Real COM, TCP Server, TCP Client, UDP | | |
| 电源输入 | 电源输入 | | 12-48 VDC | | |
| | 电源功耗 | | 250 mA @ 12V; 138 mA @ 24V | | 685 mA @ 12V; 184 mA @ 48V, 340 mA @ 24V |
| 机械特性 | 外壳 | 铝制外壳(1 mm) | v | v | --- |
| | | SECC(1mm) | --- | --- | v |
| | 尺寸(W × H × D) | | 77 × 111 × 26 mm (3.03 × 4.37 × 1 in) | | 48.5 × 135 × 114 mm (1.8 × 5.31 × 4.48 in) |
| | 导轨/壁挂式安装 | | v | v | v |
| 工作环境 | 工作温度 | | 0 ~ 55°C (32 ~ 131°F), 5 ~ 95% RH | | 0 ~ 60°C (32 ~ 140°F), 5 ~ 95%RH |
| 安规认证 | 安全认证 | UL | UL60950-1 | UL60950-1 | UL60950-1 |
| | | TÜV | EN60950-1 | EN60950-1 | EN60950-1 |
| | EMC | FCC Part 15, Subpart B | Class A | Class A | Class A |
| | | CE EN55022 | Class A | Class A | Class A |
| | 无线 | CE | ETSI EN 300 328, ETSI EN 301 489-17, ETSI EN 301 489-1 | | |
| | | FCC | Part 15, Subpart B, Class A, Part 15, Subpart C, Class A | | |
| | | DSPR ARIB-STD 33 | v | v | --- |
| | | DSPR ARIB-STD 66 | v | v | --- |
| | 电源 | EN61000-4-2 (ESD) | 4 KV contact | | |
| | | EN61000-4-4 (EFT) | 1 KV (Power) | | |
| | | EN61000-4-5 (Surge) | 2 KV (Power) | | |
| 保修期 | | | 5年 | | |

# 终端服务器

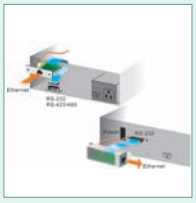


| 产品型号 | | | CN2510-8<br>CN2510-16 | CN2510-8-48<br>CN2510-16-48 | CN2610-8<br>CN2610-16 |
|---|---|---|---|---|---|
| 网络接口 | 10/100M以太网 | | --- | --- | --- |
| | 接口类型 | | RJ45 | RJ45 | RJ45 |
| | 1.5KV电磁隔离保护 | | v | v | v |
| 串行接口 | RS-232 | | 8口 (CN2510-8)<br>16口 (CN2510-16) | 8口 (CN2510-8-48)<br>16口 (CN2510-16-48) | 8口 (CN2610-8)<br>16口 (CN2610-16) |
| | 接口类型 | | RJ45 | RJ45 | RJ45 |
| | 速率 | | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps |
| | 通讯参数 | | Parity: None, Even, Odd, Space, Mark; Data Bits: 5,6, 7, 8; Stop Bit: 1, 1, 5, 2 | | |
| | 流控(RTC /CTS /XON /XOFF) | | v | v | v |
| | 15KV ESD保护 | | v | v | v |
| 软件特点 | 协议 | | ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, Rtelnet, DNS, SNMP, HTTP, SMTP, SNTP, ARP, PPP, SLIP, CSLIP | | |
| | 管理工具 | | Utility for Windows 95/98/ME/NT/2000/XP/2003 | | |
| | 支持操作系统 | | Windows 95/98/ME/NT/2000/XP/2003/XP x64/2003 x64 COM driver, Linux real TTY driver, SCO Unix, SCO OpenServer 5, UnixWare 7, UnixWare 2.1.x, SVR4.2 | | |
| | 配置方式 | | Serial/Telnet Console | | |
| | 安全性 | | RADIUS, Dialback, PAP, CHAP, Local User / Password | | |
| | 管理方式 | | SNMP MIB II | | |
| | IP路由功能 | | Static, RIP-I, RIP-II | | |
| 操作模式 | | | Real COM, TCP server, UDP, Reverse Telnet, Disabled Mode, Terminal, Reverse Terminal, Printer Mode, PPP Mode, Multi-Host TTY, Multiplex | | |
| | | | --- | | DRDAS |
| 内嵌高级功能 | | | HMI LCM display with four push buttons, Buzzer, Real-Time Clock, Watch Dog Timer | | |
| 电源输入 | 电源输入 | | 100 ~ 240 VAC, 47 ~ 63 Hz | 38 ~ 72 VDC | 100 ~ 240 VAC, 47 ~ 63 Hz |
| | 电源功耗 | | 235 mA@100V, 145 mA@240V | 260 mA@48V (max.) | 235 mA@100V, 145 mA@240V |
| 机械特性 | 外壳: 铝制外壳(1 mm) | | v | v | v |
| | 尺寸(W × H × D) | | 440 x 1.77 x 198 mm (17.3 x 1.77 x 7.8 in) | | |
| | 导轨/壁挂式安装 | | v | v | v |
| 工作环境 | 工作温度 | | 0 ~ 55°C (32 ~ 131°F), 5 ~ 95% RH | | |
| | 存储温度 | | -20 ~ 70°C (-4 ~ 158°F), 5 ~ 95% RH | | |
| 安规认证 | 安全认证 | UL | UL60950 | UL60950 | UL60950 |
| | | TÜV | EN60950 | EN60950 | EN60950 |
| | EMC | FCC Part 15, Subpart B | Class A | Class A | Class A |
| | | CE EN55022 | Class A | Class A | Class A |
| | | EN55024 | v | v | v |
| | 电源 | EN61000-4-2 (ESD) | 4 KV contact | | |
| | | EN61000-4-4 (EFT) | 1 KV (Power) | | |
| | | EN61000-4-5 (Surge) | 2 KV (Power) | | |
| 保修期 | | | 5年 | | |

# 嵌入式设备联网模块






| 产品型号 | | NE-4110S<br>NE-4110A | NE-4120S<br>NE-4120A | NE-4100T | NE-4000T |
|---|---|---|---|---|---|
| -CMD | | v | v | v | --- |
| 外观 | 安装方式 |  |  |  | |
| | 独立型 | RJ45以太网 | 管脚型以太网 | --- | |
| | 插针型 | --- | --- | 双排插针 | |
| 网络接口 | 以太网 | 10/100M | 10/100M | 10/100M | 10M |
| | 接口类型 | RJ45 | 5针针脚 | 26针双排 | 24针双排 |
| | 1.5KV电磁隔离保护 | v | v | v | v |
| 串行接口 | Port 1 | RS-232 (NE-4110S)<br>RS-422/485 (NE-4110A) | RS-232 (NE-4120S)<br>RS-422/485 (NE-4120A) | TTL | TTL |
| | Port 2 | TTL | TTL | TTL | --- |
| | 速率 | 110 bps ~ 230.4 Kbps | | | |
| | 通讯参数 | Parity: None, Even, Odd, Space, Mark;<br>Data Bits: 5,6, 7, 8;<br>Stop Bit: 1, 1.5, 2 | | | Parity: None, Even, Odd;<br>Data Bits: 5,6, 7, 8;<br>Stop Bit: 1, 2 |
| | 流控(RTC /CTS /XON /XOFF) | v | v | v | v |
| 软件特点 | 协议 | ICMP, IP, TCP, UDP, DHCP, Telnet, SNMP, HTTP, SMTP, ARP | | | ICMP, IP, TCP, UDP, DHCP, SNMP, HTTP, ARP |
| | 管理工具 | Network Enabler Administration Suite for Windows 95/98/ME/NT/2000/XP/2003 | | | |
| | 支持操作系统 | Windows 95/98/ME/NT/2000/XP/2003/XP x64/2003 x64 COM driver, Linux real TTY driver, SCO Unix, SCO OpenServer 5, UnixWare 7, UnixWare 2.1.x, SVR4.2 | | | |
| | 配置方式 | Web/Serial/Telnet Console, or Windows Utility | | | |
| 操作模式 | | Real COM, TCP Server, TCP Client, UDP | | | TCP server |
| 内嵌高级功能 | | Watch Dog Timer | | | |
| 电源 | 电源输入 | 5 VDC ± 5% | | | |
| | 电源功耗 | 290 mA @ 5 VDC (max) | | | 65 mA @ 5 VDC (max) |
| | 尺寸(W × H × D) | 57 x 40 mm<br>(2.24 x 1.57 in) | | 45 x 36 mm<br>(1.77 x 1.41 in) | 44 x 31.48 mm<br>(1.73 x 1.23 in) |
| 工作环境 | 工作温度 | 0 ~ 55°C (32 ~ 131°F), 5 ~ 95% RH | | | |
| | 存储温度 | -20 ~ 70°C (-4 ~ 158°F), 5 ~ 95% RH | | | |
| | 宽温型号 | --- | -40 ~ 75°C<br>(-40 ~ 167°F) | --- | --- |
| 安规认证 | EMC | FCC Part 16, Subpart B, Class B | | | |
| | | CE EN55022 Class B | | | |
| | | CE EN55024 | | | |
| 保修期 | | 5年 | | | |

# PCI Express卡







| 产品型号 | CP-118EL | CP-168EL | CP-104EL |
|---|---|---|---|
| 串口数量 | 8 | 8 | 4 |
| 总线界面 | PCI Express x1 | PCI Express x1 | PCI Express x1 |
| 串行接口 | RS-232/422/485 | RS-232 | RS-232 |
| 板卡接口形式 | SCSI VHDCI 68 | SCSI VHDCI 68 | Female DB44 |
| 连接线/盒接口形式 | Male DB9/Male DB25<br>Female DB25/8-Pin RJ45 | Male DB9/Male DB25<br>Female DB25/8-Pin RJ45 | Male DB9/Male DB25 |
| 电源需求 | 860 mA (3.3V) | 630 mA (3.3V) | 430 mA (3.3V) |
| 尺寸(W x D) | 132 x 67.2 mm | 102 x 67.2 mm | 100 x 67.2 mm |
| 光电隔离 | --- | 可选 | --- |
| FIFO | 128 bytes | | |
| 低档板 | Yes | | |
| 控制器 | MU860 | | |
| 突波保护(ESD) | 15 KV ESD | | |
| 速率 | 50 bps ~ 921.6 Kbps | | |
| 流控 | RTS/CTS, XON/XOFF | | |
| 工作温度 | 0 ~ 55°C (32°F ~ 131°F) | | |
| 操作湿度 | 5 ~ 95% RH | | |
| 存储温度 | -20 ~ 85°C (-4°F ~ 185°F) | | |
| 安规认证 | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | | |
| 保修期 | 5年 | | |

# Universal PCI卡



| 产品型号 | C320Turbo/ PCI | C218Turbo/ PCI | CP-118U | CP-168U V2 | CP-104UL V2 | CP-104JU V2 |
|---|---|---|---|---|---|---|
| 串口数量 | 32 | 8 | 8 | 8 | 4 | 4 |
| 总线界面 | Universal PCI | Universal PCI | Universal PCI | Universal PCI | Universal PCI | Universal PCI |
| 串行接口 | RS-232/422 | RS-232/422/485 | RS-232/422/485 | RS-232 | RS-232 | RS-232 |
| 板卡接口形式 | Female DB25 | Female DB62 | Female DB62 | Female DB62 | Female DB44 | 8-pin RJ45 |
| 连接线/盒接口形式 | Male DB25/ Female DB25 10-Pin RJ45 | Male DB9 Male DB25 Female DB25 8-Pin RJ45 | Male DB9 Male DB25 Female DB25 8-Pin RJ45 | Male DB9 Male DB25 Female DB25 8-Pin RJ45 | Male DB9 DB25 Male | Male DB9 Male DB25 Female DB9 Female DB25 |
| 电源需求 | 500 mA (+5V) | 530 mA (+5V), 110 mA (+12V), 35 mA (-12V) | 240 mA (+5V, RS-232) 300 mA (+5V, RS-422) | 180 mA (+5V) | 120 mA (+5V) | 135 mA (+5V) |
| 尺寸(W x D) | 129 x 90 mm | 180 x 105 mm | 135 x 82 mm | 120 x 82 mm | 120 x 64.5 mm | 120 x 64.5 mm |
| 光电隔离 | 可选 | 可选 | --- | 可选 | --- | --- |
| 低档板 | --- | --- | --- | --- | Yes | --- |
| 处理器 | TMS320BC52-40 RISC CPU | TMS320BC52-40 RISC CPU | --- | --- | --- | --- |
| 内存 | 512 KB | 512 KB | --- | --- | --- | --- |
| 控制器 | 16C550C | 16C550C | MU860 | MU860 | MU860 | MU860 |
| 突波保护(ESD) | 可选 | 可选 | 15 KV ESD | 15 KV ESD | 15 KV ESD | 15 KV ESD |
| 速率 | 50 bps ~ 460.8 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps |
| FIFO | 16 bytes | 16 bytes | 128 bytes | 128 bytes | 128 bytes | 128 bytes |
| 流控 | RTS/CTS, XON/XOFF | | | | | |
| 工作温度 | 0 ~ 55°C (32°F ~ 131°F) | | | | | |
| 操作湿度 | 5 ~ 95% RH | | | | | |
| 存储温度 | -20 ~ 85°C (-4°F ~ 185°F) | | | | | |
| 安规认证 | EN55022 Class A, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A | EN55022 Class A, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B |
| 保修期 | 5年 | | | | | |



| 产品型号 | CP-102U | CP-102UL | CP-134U V2 | CP-134U-I V2 | CP-132UL V2 | CP-132UL-I V2 |
|---|---|---|---|---|---|---|
| 串口数量 | 2 | 2 | 4 | 4 | 2 | 2 |
| 总线界面 | Universal PCI | Universal PCI | Universal PCI | Universal PCI | Universal PCI | Universal PCI |
| 串行接口 | RS-232 | RS-232 | RS-232/422/485 | RS-232/422/485 | RS-422/485 | RS-422/485 |
| 板卡接口形式 | Male DB9 | Female DB25 | Female DB44 | Female DB44 | Female DB25 | Female DB25 |
| 连接线/盒接口形式 | Male DB9 | Male DB9 | Male DB9/ Male DB25 | Male DB9/ Male DB25 | Male DB9 | Male DB9 |
| 电源需求 | 93 mA (+5V) | 93 mA (+5V) | 180 mA (+5V) | 850 mA (+5V) | 120 mA (+5V) | 490 mA (+5V) |
| 尺寸(W x D) | 120 x 80 mm | 120 x 64.5 mm | 120 x 82.5 mm | 120 x 115 mm | 120 x 64.5 mm | 120 x 64.5 mm |
| 光电隔离 | --- | --- | --- | 2 KV | --- | 2 KV |
| 低档板 | --- | Yes | --- | --- | Yes | Yes |
| 处理器 | --- | --- | --- | --- | --- | --- |
| 内存 | --- | --- | --- | --- | --- | --- |
| 控制器 | MU860 | MU860 | MU860 | MU860 | MU860 | MU860 |
| 突波保护(ESD) | 15 KV ESD | 15 KV ESD | 15 KV ESD | 15 KV ESD | 15 KV ESD | 15 KV ESD |
| 速率 | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps |
| FIFO | 128 bytes | 128 bytes | 128 bytes | 128 bytes | 128 bytes | 128 bytes |
| 流控 | RTS/CTS, XON/XOFF | | | | | |
| 工作温度 | 0 ~ 55°C (32°F ~ 131°F) | | | | | |
| 操作湿度 | 5 ~ 95% RH | | | | | |
| 存储温度 | -20 ~ 85°C (-4°F ~ 185°F) | | | | | |
| 安规认证 | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | EN55022 Class B, EN55024, N61000-3-2, EN61000-3-3, FCC Part 15 Class B | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B |
| 保修期 | 5年 | | | | | |

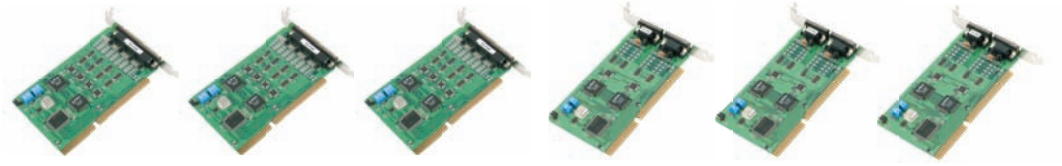
# ISA卡








| 产品型号 | C320Turbo | C218Turbo | C168H | C168HS | C104H | C104HS |
|---|---|---|---|---|---|---|
| 串口数量 | 32 | 8 | 8 | 8 | 4 | 4 |
| 总线界面 | ISA | ISA | ISA | ISA | ISA | ISA |
| 串行接口 | RS-232/422 | RS-232/422/485 | RS-232/422/485 | RS-232 | RS-232 | RS-232 |
| 板卡接口形式 | Female DB25 | Female DB62 | Female DB62 | Female DB62 | Female DB37 | Female DB37 |
| 连接线/盒接口形式 | Male DB25/ Female DB25 8-Pin RJ45 | Male DB9/ Male DB25 Female DB25/ 8-Pin RJ45 | Male DB9/ Male DB25 Female DB25/ 8-Pin RJ45 | Male DB9/ Male DB25 Female DB25/ 8-Pin RJ45 | Male DB9/ Male DB25 | Male DB9/ Male DB25 |
| 电源需求 | 840 mA (+5V) | 530 mA (+5V), 110 mA (+12V), 35 mA (-12V) | 170 mA (+5V), 100 mA (+12V), 60 mA (-12V) | 170 mA (+5V), 100 mA (+12V), 60 mA (-12V) | 100 mA (+5V), 100 mA (+12V), 60 mA (-12V) | 100 mA (+5V), 100 mA (+12V), 60 mA (-12V) |
| 尺寸(W x D) | 158 x 107 mm | 180 x 105 mm | 157 x 93 mm | 157 x 93 mm | 157 x 93 mm | 157 x 93 mm |
| 光电隔离 | 可选 | 可选 | --- | --- | --- | --- |
| 处理器 | TMS320BC52-40 RISC CPU | TMS320BC52-40 RISC CPU | --- | --- | --- | --- |
| 内存 | 512 KB | 512 KB | --- | --- | --- | --- |
| 控制器 | 16C550C | 16C550C | 16C550C | 16C550C | 16C550C | 16C550C |
| 突波保护(ESD) | 可选 | 可选 | --- | 25 KV ESD | --- | 25 KV ESD |
| 速率 | 50 bps ~ 460.8 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps |
| FIFO | 16 bytes | | | | | |
| 流控 | RTS/CTS, XON/XOFF | | | | | |
| 工作温度 | 0 ~ 55°C (32°F ~ 131°F) | | | | | |
| 操作湿度 | 5 ~ 95% RH | | | | | |
| 存储温度 | -20 ~ 85°C (-4°F ~ 185°F) | | | | | |
| 安规认证 | EN55022 Class A, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A | EN55022 Class A, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class A | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B |
| 保修期 | 5年 | | | | | |



| 产品型号 | CI-134 | CI-134I | CI-134IS | CI-132 | CI-132I | CI-132IS |
|---|---|---|---|---|---|---|
| 串口数量 | 4 | 4 | 4 | 2 | 2 | 2 |
| 总线界面 | ISA | ISA | ISA | ISA | ISA | ISA |
| 串行接口 | RS-422/485 | RS-422/485 | RS-422/485 | RS-422/485 | RS-422/485 | RS-422/485 |
| 板卡接口形式 | Female DB37 | Female DB37 | Female DB37 | Male DB9 | Male DB9 | Male DB9 |
| 连接线/盒接口形式 | Male DB9/ Male DB25 | Male DB9/ Male DB25 | Male DB9/ Male DB25 | Male DB9 | Male DB9 | Male DB9 |
| 电源需求 | 450 mA (+5V) | 610 mA (+5V) | 620 mA (+5V) | 240 mA (+5V) | 620 mA (+5V) | 620 mA (+5V) |
| 尺寸(W x D) | 160 x 85 mm | 180 x 110 mm | 180 x 110 mm | 157 x 75 mm | 157 x 105 mm | 157 x 105 mm |
| 光电隔离 | --- | 2 KV | 2 KV | --- | 2 KV | 2 KV |
| 处理器 | --- | --- | --- | --- | --- | --- |
| 内存 | --- | --- | --- | --- | --- | --- |
| 控制器 | 16C550C | 16C550C | 16C550C | 16C550C | 16C550C | 16C550C |
| 突波保护(ESD) | --- | --- | 25 KV ESD | --- | --- | 25 KV ESD |
| 速率 | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps | 50 bps ~ 921.6 Kbps |
| FIFO | 16 bytes | | | | | |
| 流控 | RTS/CTS, XON/XOFF | | | | | |
| 工作温度 | 0 ~ 55°C (32°F ~ 131°F) | | | | | |
| 操作湿度 | 5 ~ 95% RH | | | | | |
| 存储温度 | -20 ~ 85°C (-4°F ~ 185°F)C | | | | | |
| 安规认证 | Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B |
| 保修期 | 5年 | | | | | |

# PC/104卡







| 产品型号 | CA-104 | CA-132 | CA-132I |
|---|---|---|---|
| 串口数量 | 4 | 2 | 2 |
| 总线界面 | PC/104 | PC/104 | PC/104 |
| 串行接口 | RS-232 | RS-422/485 | RS-422/485 |
| 板卡接口形式 | 8-pin RJ45 | 8-pin RJ45 | 8-pin RJ45 |
| 连接线/盒接口形式 | Male DB9/Male DB25<br>FemaleDB9/Female DB25 | Male DB9/Male DB25<br>Female DB9/Female DB25 | Male DB9/Male DB25<br>Female DB9/Female DB25 |
| 电源需求 | 245 mA (+5V) | 210 mA (+5V) | 455 mA (+5V) |
| 尺寸(W x D) | 96 x 90 mm | 96 x 90 mm | 96 x 90 mm |
| 光电隔离 | --- | --- | 2 KV |
| FIFO | 64 bytes | | |
| 控制器 | 16C550C | | |
| 突波保护(ESD) | 15 KV ESD | | |
| 速率 | 50 ~ 230.4 Kbps | | |
| 流控 | RTS/CTS, XON/XOFF | | |
| 工作温度 | 0 ~ 55°C (32°F ~ 131°F) | | |
| 操作湿度 | 5 ~ 95% RH | | |
| 存储温度 | -20 ~ 85°C (-4°F ~ 185°F) | | |
| 安规认证 | EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B | | |
| 保修期 | 5年 | | |

# ioLogik 4000 分布式I/O模块


10/100Mbps
以太网络模块


RS-422/485
网络模块


RS-232
网络模块


DI/DO/AI/AO
2/4/8通道模块


DI/DO
16通道模块

| 规格 \ 模块 | 网络模块 | | |
|---|---|---|---|
| | NA-4010 | NA-4020 | NA-4021 |
| 界面 | Ethernet | RS-485 | RS-232 |
| 协议 | Modbus/TCP, HTTP, Bootp | Modbus/RTU, Modbus/ASCII | Modbus/RTU, Modbus/ASCII |
| 安全 | UL508 | | |
| 看门狗 | 是 | | |

| 规格 \ 模块 | 数字输入 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | M-1400 | M-1401 | M-1410 | M-1411 | M-1800 | M-1801 | M-1600 | M-1601 | M-1450 | M-1451 |
| 通道 | 4 | 4 | 4 | 4 | 8 | 8 | 16 | 16 | 4 | 4 |
| Sink/Source | Sink | Source | Sink | Source | Sink | Source | Sink | Source | --- | --- |
| 接线方式 | RTB | | | | | | 20-Pin | | RTB | |
| 电压 | 24V | 24V | 48V | 48V | 24V | 24V | 24V | 24V | 110 VAC | 240 VAC |
| 隔离保护 | 2KV rms光电隔离保护 | | | | | | | | | |

| 规格 \ 模块 | 数字输出 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | M-2400 | M-2401 | M-2800 | M-2801 | M-2600 | M-2601 | M-2402 | M-2403 | M-2404 | M-2405 | M-2250 | M-2254 |
| 通道 | 4 | 4 | 8 | 8 | 16 | 16 | 4 | 4 | 4 | 4 | 2 | 2 |
| Sink/Source | Sink | Source | Sink | Source | Sink | Source | Sink | Source | Sink | Source | Relay | Triac |
| 接线方式 | RTB | | | | 20-pin | | RTB | | | | | |
| 电压 | 24V | | | | | | | | | | 230 VAC/ 24 VD | 12 ~ 125 VDC |
| 电流 | 0.5A | 0.5A | 0.5A | 0.5A | 0.3A | 0.3A | 0.5A | 0.5A | 2.0A | 2.0A | 2.0A | 0.5A |
| 隔离保护 | 2KV rms光电隔离保护 | | | | | | | | | | | |
| 诊测 | --- | --- | --- | --- | --- | --- | • | • | • | • | --- | --- |

| 规格 \ 模块 | 模拟输入 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | M-3400 | M3402 | M-3410 | M-3412 | M-3414 | M-3401 | M-3403 | M-3411 | M-3413 | M-3415 | M-6200 | M-6201 |
| 通道 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 |
| 电流 | 0~20 mA | 4~20mA | --- | --- | --- | 0~20mA | 4~20mA | --- | --- | --- | --- | --- |
| 电压 | --- | --- | 0~10V | -10~10V | 0~5V | --- | --- | 0~10V | -10~10V | 0~5V | --- | --- |
| 接线方式 | RTB | | | | | | | | | | | |
| 精度 | 12-bit | 12-bit | 12-bit | 12-bit | 12-bit | 14-bit | 14-bit | 14-bit | 14-bit | 14-bit | --- | --- |
| 隔离保护 | 1K VDC电流保护 | | | | | | | | | | | |
| 传感器输入 | | | | | | | | | | | RTD PT100 JPT100 500kohm | 30 mV Thermo-couple |

| 规格 \ 模块 | 模拟输出 | | | | |
|---|---|---|---|---|---|
| | M-4201 | M-4202 | M-4210 | M-4211 | M-4212 |
| 通道 | 2 | 2 | 2 | 2 | 2 |
| 电流 | 0-20 mA | 4-20 mA | --- | --- | --- |
| 电压 | --- | --- | 0-10V | -10-10V | 0-5V |
| 精度 | 12-bit | 12-bit | 12-bit | 12-bit | 12-bit |
| 接线方式 | RTB | | | | |
| 隔离保护 | 1K VDC电流保护 | | | | |

*RTB: 可移除的终端端子
*20-pin: 20-pin针脚

# 智能通讯服务器






| 产品型号 | UC-7420 | UC-7410 | UC-7408 | UC-7402 |
|---|---|---|---|---|
| CPU | Intel XScale IXP-422 266 MHz | Intel XScale IXP-422 266 MHz | Intel XScale IXP-422 266 MHz | Intel XScale IXP-422 266 MHz |
| RAM | 128 MB | 128 MB | 128 MB | 128 MB |
| Flash | 32 MB | 32 MB | 32 MB | 32 MB |
| OS | Linux, WinCE | Linux, WinCE | Linux, WinCE | Linux |
| 网络接口 | Auto-sensing 10/100 Mbps x 2 with built-in 1.5 KV magnetic isolation protection, RJ45 Connector | | | |
| 串口 | RS-232/422/485 x 8 RJ45 Connector | RS-232/422/485 x 8 RJ45 Connector | RS-232/422/485 x 8 RJ45 Connector | N/A |
| 串口保护 | 15 KV ESD for all signals | | | N/A |
| 数据位 | 5, 6, 7, 8 | | | N/A |
| 停止位 | 1, 1.5, 2 | | | N/A |
| 校验位 | none, even, odd, space, mark | | | N/A |
| 流控 | RTS/CTS, XON/XOFF, RS-485 ADDC™ | | | N/A |
| 速率 | 50 bps ~ 921.6 Kbps | | | N/A |
| Console口 | RS-232 x 1 RJ45 Connector | RS-232 x 1 RJ45 Connector | RS-232 x 1 RJ45 Connector | RS-232 x 1 RJ45 Connector |
| DI/DO | N/A | N/A | DI x 8, DO x 8 | N/A |
| USB 2.0 Hosts | 2 | N/A | N/A | N/A |
| USB 1.1 Client | 1* | 1* | 1* | 1* |
| PCMCIA | Cardbus x 1** | N/A | Cardbus x 1** | Cardbus x 1** |
| 存储扩展 | CompactFlash x 1*** | N/A | CompactFlash x 1*** | CompactFlash x 1*** |
| LCM | 128 x 64 dots | 128 x 64 dots | N/A | N/A |
| 键盘 | 5 | 5 | N/A | N/A |
| 实时时钟 | Yes | Yes | Yes | Yes |
| 蜂鸣器 | Yes | Yes | Yes | Yes |
| 复位按钮 | H/W Reset x 1 Reset to Default x 1 | H/W Reset x 1 Reset to Default x 1 | H/W Reset x 1 Reset to Default x 1 | H/W Reset x 1 Reset to Default x 1 |
| 电源输入 | 12 ~ 48 VDC | 12 ~ 48 VDC | 12 ~ 48 VDC | 12 ~ 48 VDC |
| 电源功耗 | 12W | 10W | 8W | 7W |
| 尺寸(W x D x H) | 197 x 125 x 44 mm | 197 x 125 x 44 mm | 197 x 125 x 44 mm | 197 x 125 x 44 mm |
| 净重 | 875 g | 810 g | 870 g | 810 g |
| 工作温度 | -10 ~ 60°C, (14 ~ 131°F), 5 ~ 95% RH | | | |
| 存储温度 | -20 ~ 80°C, (-4 ~ 176°F), 5 ~ 95% RH | | | |
| 安规认证 | EMC: CE Class A, FCC Class A Safety: UL, CUL, TUV | | | |
| 保修期 | 5年 | 5年 | 5年 | 5年 |







| DA-660-8<br>DA-660-16 | IA241<br>IA241-T | IA240<br>IA240-T | UC-7112 | UC-7110<br>UC-7110-T |
|---|---|---|---|---|
| Intel XScale IXP-422<br>266 MHz | MOXA ART ARM9 32-bit CPU<br>192 MHz | MOXA ART ARM9 32-bit CPU<br>192 MHz | MOXA ART ARM9 32-bit CPU<br>192 MHz | ARM9 32-bit CPU 166 MHz |
| 128 MB | 64 MB | 64 MB | 16 MB | 16 MB |
| 32 MB | 16 MB | 16 MB | 8 MB | 8 MB |
| Linux, WinCE | Linux | Linux | μClinux | μClinux |
| Auto-sensing 10/100 Mbps x 2 with built-in 1.5 KV magnetic isolation protection, RJ45 Connector | | | | |
| RS-232/422/485 x 8 / 16<br>RJ45 Connector | RS-232/422/485 x 4<br>RJ45 Connector | RS-232/422/485 x 4<br>RJ45 Connector | RS-232/422/485 x 2<br>DB9 Connector | RS-232/422/485 x 2<br>DB9 Connector |
| 15 KV ESD for all signals | | | | |
| 5, 6, 7, 8 | | | | |
| 1, 1.5, 2 | | | | |
| none, even, odd, space, mark | | | | |
| RTS/CTS, XON/XOFF, RS-485 ADDC™ | | | | |
| 50 bps ~ 921.6 Kbps | | | | |
| RS-232 x 1<br>RJ45 Connector | RS-232 x 1<br>RJ45 Connector | RS-232 x 1<br>RJ45 Connector | RS-232 x 1<br>Pin-header Connector | RS-232 x 1<br>Pin-header Connector |
| N/A | DI x 4, DO x 4 | DI x 4, DO x 4 | N/A | N/A |
| N/A | 1 | 1 | N/A | N/A |
| N/A | N/A | N/A | N/A | N/A |
| N/A | Cardbus x 1** | N/A | N/A | N/A |
| N/A | SD x 1*** | SD x 1*** | N/A | N/A |
| 2 x 16 Text Mode | N/A | N/A | N/A | N/A |
| 4 | N/A | N/A | N/A | N/A |
| Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | Yes | Yes |
| Reset x 1 | H/W Reset x 1<br>Reset to Default x 1 | H/W Reset x 1<br>Reset to Default x 1 | Reset to Default x 1 | Reset to Default x 1 |
| 100 ~ 240 VAC/ VDC | 12 ~ 48 VDC | 12 ~ 48 VDC | 12 ~ 48 VDC | 12 ~ 48 VDC |
| TBC | TBC | TBC | 4.5W | 4.5W |
| 480 x 198 x 45 mm<br>(with rack-mount ears)<br>440 x 198 x 45 mm<br>(w/o rack-mount ears) | 60 x 100 x 137 mm | 60 x 100 x 137 mm | 77 x 111 x 26 mm | 77 x 111 x 26 mm |
| 2.7 kg | 500 g | 430 g | 190 g | 190 g |
| -10 ~ 60˚C, (14 ~ 131˚F), 5 ~ 95% RH<br>-40 ~ 75˚C, (-40 ~ 167˚F) is optional (for -T model) | | | | |
| -20 ~ 80˚C, (-4 ~ 176˚F), 5 ~ 95% RH<br>-40 ~ 85˚C, (-40 ~ 185˚F) is optional (for -T model) | | | | |
| EMC: CE Class A, FCC Class A Safety: UL, CUL, TUV | | | | |
| 5年 | 5年 | 5年 | 5年 | 5年 |

* USB客户端功能暂未开放
** PCMCIA插槽支持802.11b/g无线网卡
*** CF/SD可作闪存盘扩展使用

# 工业级视频服务器






| 产品型号 | VPort 2140 | VPort 2110 | VPort 2310 | VPort 3310 |
|---|---|---|---|---|
| 视频输入接口(BNC) | 4 | 1 | 1 | 1 |
| 视频输出接口(BNC) | 4 | N/A | N/A | 1 |
| 音频输入 | N/A | N/A | 1 | 1 Mic-in; 1 Line-in |
| 视频压缩格式 | MJPEG | | MPEG4 | |
| NTSC/PAL | 自适应或手动 | | | |
| RTSP | N/A | | | Yes |
| Multicast | N/A | | | Yes (IGMP) |
| PPPoE | N/A | | | Yes |
| SNMP | N/A | | | Yes |
| SDK | Moxa VPort SDK | | | |
| 串行端口 | COM 1:<br>DB9 RS-232 或 RS-485 Terminal block, Max. 115.2 Kbps<br>COM 2:<br>DB9 RS-232, Max. 115.2 Kbps | COM:<br>DB9 RS-232 或 RS-485 Terminal block, Max. 115.2 Kbps | | |
| DI | 4 | 1 | | 2 |
| DO | 2 | 1 | | 2 |
| 电源输出 | 12 VDC | N/A | | |
| 电源输入 | •12 VDC, 1.5A 电源适配器<br>•12 VDC, min. 1.5A via Terminal Block | 12 VDC, 1.5 A 电源适配器 | | 24 VDC 冗余电源输入(接线端子) |
| 工作温度 | 0 ~ 60°C | | | 0 ~ 60°C; -40 ~ 75°C宽温型) |
| 安装方式 | 壁挂式安装 | 壁挂或导轨安装(可选) | | 壁挂或导轨安装(可选) |

## SoftDVR™ IP 视频监控软件




| 产品型号 | SoftDVR™ Pro | SoftDVR™ Lite |
|---|---|---|
| 版本 | 可通过浏览器进行远程访问的网络版本 | 只能在单台PC上使用的PC版本 |
| 支持设备 | VPort 系列视频服务器 | |
| 浏览窗口 | 1, 4, 6, 8, 9, 10, 13, 16 | 1, 4 |
| 支持摄像头的最大数目 | 16 | 4 |
| PTZ摄像头控制方式 | 通过本地PC或者远程访问 | 本地PC |
| 存储位置 | 本地PC或者基于Windows的网络硬盘 | 本地PC |
| 视频存储格式 | VPort 2110, 2140:<br>• MJPEG (低压缩比)<br>VPort 2310, 3310:<br>• MPEG4 | VPort 2110, 2140:<br>• MJPEG<br>VPort 2310, 3310:<br>• MPEG4 |
| 动态视频侦测(VMD) | 区域可选 | 全屏 |
| DI/DO设备管理功能 | Yes | N/A |
| 报警触发功能 | 动态视频侦测(VMD), 视频信号失效, 通信失效,存储失效, 存储空间已满, DI 输入 | 动态视频侦测(VMD), 视频信号失效 |
| 报警信号发送方式 | E-mail, 声音, DO或者触发PTZ摄像头到当前位置 | E-mail |
| 发行方式 | CD | 免费附赠的软件 |

# USB转串口适配器&集线器







| 产品型号 | NPort U1110 | NPort U1130 | UPort 1410<br>UPort 1450 | UPort 1610-8<br>UPort 1650-8 | UPort 1610-16<br>UPort 1650-16 |
|---|---|---|---|---|---|
| USB速率 | 12 Mbps (Full Speed) | 12 Mbps (Full Speed) | 480 Mbps<br>(High Speed) | 480 Mbps<br>(High Speed) | 480 Mbps<br>(High Speed) |
| USB标准 | 1.0/1.1 | 1.0/1.1 | 1.0/1.1/2.0 | 1.0/1.1/2.0 | 1.0/1.1/2.0 |
| USB接口 | USB Type A | USB Type A | USB Type B | USB Type B | USB Type B |
| 串口数量 | 1 | 1 | 4 | 8 | 16 |
| 接口类型 | RS-232 | RS-422/485 | RS-232(UPort 1410)<br>RS-232/RS-422/485<br>(UPort 1450) | RS-232(UPort 1610)<br>RS-232/RS-422/485<br>(UPort 1650) | RS-232(UPort 1610)<br>RS-422/485<br>(UPort 1650) |
| 串口接口形式 | Male DB9 | Male DB9/<br>Terminal Block | Male DB9/<br>Terminal Block | Male DB9/<br>Terminal Block | Male DB9/<br>Terminal Block |
| 材质 | ABS + PC | ABS + PC | Metal | Metal | Metal |
| 尺寸<br>(W x D x H) | 20.5 x 60 mm | 20.5 x 60 mm | 204 x 115 x 30 mm | 204 x 115 x 44 mm | 440 x 189 x 45 mm |
| 突波保护(ESD) | 15 KV ESD | | | | |
| 速率 | 50 bps ~ 921.6 Kbps | | | | |
| FIFO | 64 bytes | 64 bytes | 128 bytes | 128 bytes | 128 bytes |
| 流控 | RTS/CTS, XON/XOFF | | | | |
| 工作温度 | 0 ~ 55°C (32°F ~ 131°F) | | | | |
| 操作湿度 | 5 ~ 95% RH | | | | |
| 存储温度 | -20 ~ 85°C<br>(-4 ~ 185°F) | -20 ~ 85°C<br>(-4 ~ 185°F) | -20 ~ 75°C<br>(-4 ~ 167°F) | -20 ~ 75°C<br>(-4 ~ 167°F) | -20 ~ 75°C<br>(-4 ~ 167°F) |
| 安规认证 | EN55022 Class B,<br>EN55024,<br>EN61000-3-2,<br>EN61000-3-3,<br>IEC 61000-4-2,<br>IEC 61000-4-3,<br>IEC 61000-4-4,<br>IEC 61000-4-5,<br>IEC 61000-4-8,<br>FCC Part 15 Class B | EN55022 Class B,<br>EN55024,<br>EN61000-3-2,<br>EN61000-3-3,<br>IEC 61000-4-2,<br>IEC 61000-4-3,<br>IEC 61000-4-4,<br>IEC 61000-4-5,<br>IEC 61000-4-8,<br>FCC Part 15 Class B | EN55022 Class A,<br>EN55024,<br>EN61000-3-2,<br>EN61000-3-3,<br>EN61000-4-2,<br>EN61000-4-3,<br>EN61000-4-4,<br>EN61000-4-5,<br>EN61000-4-6,<br>FCC Part 15 Class A,<br>UL, CUL, TUV | EN55022 Class A,<br>EN55024,<br>EN61000-3-2,<br>EN61000-3-3,<br>EN61000-4-2,<br>EN61000-4-3,<br>EN61000-4-4,<br>EN61000-4-5,<br>EN61000-4-6,<br>FCC Part 15 Class A,<br>UL, CUL, TUV | EN55022 Class A,<br>EN55024,<br>EN61000-3-2,<br>EN61000-3-3,<br>EN61000-4-2,<br>EN61000-4-3,<br>EN61000-4-4,<br>EN61000-4-5,<br>EN61000-4-6,<br>FCC Part 15 Class A,<br>UL, CUL, TUV |
| 保修期 | 5年 | | | | |

# RS-232、RS-422/485、光纤转换器 & 隔离器 & 中继器








| 产品型号 | TCC-80<br>TCC-80I | TCC-82 | TCF-90 | TCC-100<br>TCC-100I | TCC-120<br>TCC-120I | TCF-142 |
|---|---|---|---|---|---|---|
| 产品分类 | RS-232 ~ RS-422/485 (Isolated) Converter | RS-232 Isolator | RS-232 to Fiber Converter | RS-232 ~ RS-422/485 (Isolated) Converter | RS-422/485 (Isolated) Repeater | Serial-to-Fiber Converter |
| | Serial Port Powered | Serial Port Powered | Serial Port Powered | DIN-Rail Mountable | DIN-Rail Mountable | DIN-Rail Mountable |
| 接口类型 | RS-232 x 1<br>RS-422/485 x 1 | RS-232 x 2 | RS-232 x 1<br>Fiber x 1 | RS-232 x 1<br>RS-422/485 x 1 | RS-422/485 x 2 | Fiber x 1<br>RS-232/422/485 x 1 |
| 串口接口形式 | RS-232: RJ45<br>RS-422/485: TB | DB9F x 1<br>DB9M x 1 | RS-232: DB9(F)<br>Fiber: ST | RS-232: DB9F<br>RS-422/485: TB | TB | Serial: TB<br>Fiber: ST |
| 速率 | 50 bps ~ 115.2 Kbps | 50 bps ~ 115.2 Kbps | 50 bps ~ 115.2 Kbps | 50 bps ~ 230.4 Kbps | 50 bps ~ 230.4 Kbps | 300 bps ~ 230.4 Kbps |
| 突波保护(ESD) | 15 KV | 15 KV | 15 KV | 15 KV | 15 KV | 15 KV |
| 光电隔离 | 2.5 KV | 4 KV | --- | 2 KV | 2 KV | by Optical Fiber |
| ADDC™ | Compatible | --- | --- | Yes | Yes | Yes |
| 电源输入 | Serial Port Power or Optional 5-12 VCD Power | Serial Port Power or Optional 5-12 VCD Power | Serial Port Power or Optional 5-12 VCD Power | 12 ~ 30 VDC | 12 ~ 48 VDC | 12 ~ 48 VDC |
| 工作温度 | 0 ~ 60°C<br>(32 ~ 140°F) | 0 ~ 60°C<br>(32 ~ 140°F) | 0 ~ 60°C<br>(32 ~ 140°F) | -20 ~ 60°C<br>(32 ~ 140°F) | -20 ~ 60°C<br>(32 ~ 140°F) | 0 ~ 60°C<br>(32 ~ 140°F) |
| 安规认证 | CE, FCC class B | CE, FCC class B | CE, FCC class B | CE, FCC class B | CE, FCC class B | CE, FCC, TÜV |
| 保修期 | 2年 | 2年 | 2年 | 5年 | 5年 | 5年 |

# 工业级光电转换器







| 产品型号 | IMC-101系列 | IMC-21 100 Mega系列 | IMC-21 10 Mega |
|---|---|---|---|
| 产品描述 | 工业级光电转换器 | 入门级光电转换器 | 入门级光电转换器 |
| 端口数量 | 2 | 2 | 2 |
| 接口描述 | | | |
| 10/100BaseT(X), RJ45端口 | 1 | 1 | N/A |
| 100BaseFX | 1个单模或者 1个多模 | 1个单模或者 1个多模 | 1个多模 |
| 10BaseT,R45端口 | 0 | 0 | 1 |
| 10BaseFL | 0 | 0 | 1 |
| 报警输出 | 1个继电器输出 | N/A | N/A |
| 传输距离 | | | |
| 双绞线端口 | 0 ~ 100 m | 0 ~ 100 m | 0 ~ 100 m |
| 多模, 50/125 µm | 0 ~ 5 km | 0 ~ 5 km | 0 ~ 2 km |
| 多模, 62.5/125 µm | 0 ~ 4 km | 0 ~ 4 km | 0 ~ 2 km |
| 单模, 9/125µm | 0 ~ 40 km 或 0 ~ 80 km | 0 ~ 40 km | N/A |
| 冗余功能 | | | |
| 电源冗余 | 冗余 24 VDC电源输入 | N/A | N/A |
| 网络管理及控制功能 | | | |
| 报警功能 | LED灯显示, 继电器输出 | LED灯显示 | LED灯显示 |
| 设备管理功能 | 端口中断, 可由继电器输出报警 | N/A | N/A |
| 电源 | | | |
| 输入电压 | 24 VDC (12 ~ 48 VDC) | 24 VDC (12 ~ 45 VDC) 或<br>24 VAC (18 ~ 30 VAC) | 24 VDC (12 ~ 45 VDC) 或<br>24 VAC (18 ~ 30 VAC) |
| 过载电流保护 | 提供 | 提供 | 提供 |
| 工作环境 | | | |
| 标准工作温度 | 0 ~ 60°C (32 ~ 140°F) | -10 ~ 60°C (14 ~ 140°F) | -10 ~ 60°C (14 ~ 140°F) |
| 宽温型号 | -40 ~ 75°C (-40 ~ 167°F) | N/A | N/A |
| 通过认证 | | | |
| 安全性 | UL60950, UL508, CSA C22.2 No. 60950,<br>EN60950 | UL 508(认证中) | UL 508(认证中) |
| 危险区域认证 | UL/cUL Class 1, Div 2, ATEX Class 1, Zone 2 | N/A | N/A |
| EMI | FCC Part 15, CISPR(EN55022) Class A | FCC Part 15, CISPR(EN55022) Class A | FCC Part 15, CISPR(EN55022) Class A |
| EMS | EN61000-4-2/3/4/5/6 | EN61000-4-2/3/4/5/6 | EN61000-4-2/3/4/5/6 |
| 冲击 | IEC60068-2-27 | IEC60068-2-27 | IEC60068-2-27 |
| 掉落 | IEC60068-2-32 | IEC60068-2-32 | IEC60068-2-32 |
| 震动 | IEC60068-2-6 | IEC60068-2-6 | IEC60068-2-6 |

# 订购信息

## 工业级以太网

### 千兆网管型以太网交换机

**EDS-726系列**

| | |
|---|---|
| EDS-72610G | Modular Managed Switch System with 6 slots, up ~ 26 ports |
| IM-4TX | Interface Module with 4 10/100BaseT(X) ports, RJ45 connectors |
| IM-4MSC | Interface Module with 4 multi mode 100BaseFX ports, SC connectors |
| IM-4MST | Interface Module with 4 multi mode 100BaseFX ports, ST connectors |
| IM-4SSC | Interface Module with 4 single mode 100BaseFX ports, SC connectors |
| IM-2MSC/2TX | Interface Module with 2 multi mode 100BaseFX ports, SC connectors, and 2 10/100BaseT(X) ports, RJ45 connectors |
| IM-2MST/2TX | Interface Module with 2 multi mode 100BaseFX ports, ST connectors, and 2 10/100BaseT(X) ports, RJ45 connectors |
| IM-2SSC/2TX | Interface Module with 2 single mode 100BaseFX ports, SC connectors, and 2 10/100BaseT(X) ports, RJ45 connectors |
| IM-1LSC/3TX | Interface Module with 1 long-haul (80 km) single mode 100BaseFX port, SC connectors, and 3 10/100BaseT(X) ports, RJ45 connectors |
| IM-1GTX | Interface Module with 1 10/100/1000BaseT(X), RJ45 connector |
| IM-1GSXSC | Interface Module with 1 1000BaseSX port, SC connector |
| IM-1GLXSC | Interface Module with 1 1000BaseLX port, SC connector |
| IM-1GLHXSC | Interface Module with 1 1000BaseLHX port, SC connector, 40 km |
| IM-1GZXSC | Interface Module with 1 1000BaseZX port, SC connector, 80 km |

**EDS-518A系列**

| | |
|---|---|
| EDS-518A | Industrial Gigabit Managed Redundant Ethernet Switch with 16 10/100BaseT(X) ports, 2 combo 10/100/1000BaseT(X) / SFP (mini-GBIC) ports |
| EDS-518A-MM-SC | Industrial Gigabit Managed Redundant Ethernet Switch with 14 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, SC connector, and 2 combo 10/100/1000BaseT(X) / SFP (mini-GBIC) ports |
| EDS-518A-MM-ST | Industrial Gigabit Managed Redundant Ethernet Switch with 14 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, ST connector, and 2 combo 10/100/1000BaseT(X) / SFP (mini-GBIC) ports |
| EDS-518A-SS-SC | Industrial Gigabit Managed Redundant Ethernet Switch with 14 10/100BaseT(X) ports, 2 single mode 100BaseFX ports, SC connector, and 2 combo 10/100/1000BaseT(X) / SFP (mini-GBIC) ports |
| EDS-518A-SS-SC-80 | Industrial Gigabit Managed Redundant Ethernet Switch with 14 10/100BaseT(X) ports, 2 long-haul (80 km) single mode 100BaseFX ports, SC connector, and 2 combo 10/100/1000BaseT(X) / SFP (mini-GBIC) ports |
| EDS-518A-SS-SC-80 | Industrial Gigabit Managed Redundant Ethernet Switch with 16 10/100BaseT(X) ports, 2 long-haul (80 km) single mode 100BaseFX ports, SC connector |
| SFP-1GSXLC | Small Form Factor. Pluggable Transceiver with 1000BaseSX, LC, 0.5 km |
| SFP-1GLXLC | Small Form Factor. Pluggable Transceiver with 1000BaseSX, LC, 10 km |
| SFP-1GLHXLC | Small Form Factor. Pluggable Transceiver with 1000BaseSX, LC, 40 km |
| SFP-1GZXLC | Small Form Factor. Pluggable Transceiver with 1000BaseSX, LC, 80 km |

**可选配件**

| DIN-Rail Power Supplies | | EDS-726 | EDS-518A |
|---|---|---|---|
| DR-4524 | 45W/2A, 24 VDC, with universal 85 ~ 264 VAC input | • | • |
| DR-75-24 | 75W/3.2A, 24 VDC, with universal 85 ~ 264 VAC input | • | • |
| DR-120-24 | 120W/5A, 24 VDC, with 88 ~ 132 VAC/176 ~ 264 VAC input by switch | • | • |
| **Mounting Kit** | | | |
| WK-32 | EDS-726 Wall Mounting Kit | • | --- |
| WK-46 | Wall Mounting Kit | --- | • |
| **SNMP OPC Server Software** | | | |
| EDS-SNMP OPC Server Pro | CD with EDS-SNMP OPC Server Software and Manual | • | • |

### 网管型以太网交换机

**EDS-508A/505A系列**

| | |
|---|---|
| EDS-508A | Industrial Redundant Ethernet Switch with 8 10/100BaseT(X) ports, 0 ~ 60°C |
| EDS-508A-MM-SC | Industrial Redundant Ethernet Switch with 6 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-508A-MM-ST | Industrial Redundant Ethernet Switch with 6 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, ST connector, 0 ~ 60°C |
| EDS-508A-SS-SC | Industrial Redundant Ethernet Switch with 6 10/100BaseT(X) ports, 2 single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-508A-SS-SC-80 | Industrial Redundant Ethernet Switch with 6 10/100BaseT(X) ports, 2 long-haul (80 km) single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-505A | Industrial Redundant Ethernet Switch with 5 10/100BaseT(X) ports, 0 ~ 60°C |
| EDS-505A-MM-SC | Industrial Redundant Ethernet Switch with 3 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-505A-MM-ST | Industrial Redundant Ethernet Switch with 3 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, ST connector, 0 ~ 60°C |
| EDS-505A-SS-SC | Industrial Redundant Ethernet Switch with 3 10/100BaseT(X) ports, 2 single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-505A-SS-SC-80 | Industrial Redundant Ethernet Switch with 3 10/100BaseT(X) ports, 2 long-haul (80 km) single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-508A-T | Industrial Redundant Ethernet Switch with 8 10/100BaseT(X) ports, -40 ~ 75°C |
| EDS-508A-MM-SC-T | Industrial Redundant Ethernet Switch with 6 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, SC connector, -40 ~ 75°C |
| EDS-508A-MM-ST-T | Industrial Redundant Ethernet Switch with 6 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, ST connector, -40 ~ 75°C |
| EDS-508A-SS-SC-T | Industrial Redundant Ethernet Switch with 6 10/100BaseT(X)ports, 2 single mode 100BaseFX ports, SC connector, -40 ~ 75°C |

| | |
|---|---|
| EDS-508A-SS-SC-80-T | Industrial Redundant Ethernet Switch with 6 10/100BaseT(X) ports, 2 long-haul (80 km) single mode 100BaseFX ports, SC connector, -40 ~ 75°C |
| EDS-505A-T | Industrial Redundant Ethernet Switch with 5 10/100BaseT(X) ports, -40 ~ 75°C |
| EDS-505A-MM-SC-T | Industrial Redundant Ethernet Switch with 3 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, SC connector, -40 ~ 75°C |
| EDS-505A-MM-ST-T | Industrial Redundant Ethernet Switch with 3 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, ST connector, -40 ~ 75°C |
| EDS-505A-SS-SC-T | Industrial Redundant Ethernet Switch with 3 10/100BaseT(X)ports, 2 single mode 100BaseFX ports, SC connector, -40 ~ 75°C |
| EDS-505A-SS-SC-80-T | Industrial Redundant Ethernet Switch with 3 10/100BaseT(X) ports, 2 long-haul (80 km) single mode 100BaseFX ports, SC connector, -40 ~ 75°C |

### EDS-408A/405A系列

| | |
|---|---|
| EDS-408A | Entry-level Managed Ethernet Switch with 8 10/100BaseT(X) ports, 0 ~ 60°C |
| EDS-408A-MM-SC | Entry-level Managed Ethernet Switch with 6 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-408A-MM-ST | Entry-level Managed Ethernet Switch with 6 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, ST connector, 0 ~ 60°C |
| EDS-408A-SS-SC | Entry-level Managed Ethernet Switch with 6 10/100BaseT(X) ports, 2 single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-408A-SS-SC-80 | Entry-level Managed Ethernet Switch with 6 10/100BaseT(X) ports, 2 long-haul (80 km) single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-405A | Entry-level Managed Ethernet Switch with 5 10/100BaseT(X) ports, 0 ~ 60°C |
| EDS-405A-MM-SC | Entry-level Managed Ethernet Switch with 3 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-405A-MM-ST | Entry-level Managed Ethernet Switch with 3 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, ST connector, 0 ~ 60°C |
| EDS-405A-SS-SC | Entry-level Managed Ethernet Switch with 3 10/100BaseT(X) ports, 2 single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-405A-SS-SC-80 | Entry-level Managed Ethernet Switch with 3 10/100BaseT(X) ports, 2 long-haul (80 km) single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-408A-T | Entry-level Managed Ethernet Switch with 8 10/100BaseT(X) ports, -40 ~ 75°C |
| EDS-408A-MM-SC-T | Entry-level Managed Ethernet Switch with 6 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, SC connector, -40 ~ 75°C |
| EDS-408A-MM-ST-T | Entry-level Managed Ethernet Switch with 6 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, ST connector, -40 ~ 75°C |
| EDS-408A-SS-SC-T | Entry-level Managed Ethernet Switch with 6 10/100BaseT(X) ports, 2 single mode 100BaseFX ports, SC connector, -40 ~ 75°C |
| EDS-408A-SS-SC-80-T | Entry-level Managed Ethernet Switch with 6 10/100BaseT(X) ports, 2 long-haul (80 km) single mode 100BaseFX ports, SC connector, -40 ~ 75°C |
| EDS-405A-T | Entry-level Managed Ethernet Switch with 5 10/100BaseT(X) ports, -40 ~ 75°C |
| EDS-405A-MM-SC-T | Entry-level Managed Ethernet Switch with 3 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, SC connector, -40 ~ 75°C |
| EDS-405A-MM-ST-T | Entry-level Managed Ethernet Switch with 3 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, ST connector, -40 ~ 75°C |
| EDS-405A-SS-SC-T | Entry-level Managed Ethernet Switch with 3 10/100BaseT(X) ports, 2 single mode 100BaseFX ports, SC connector, -40 ~ 75°C |
| EDS-405A-SS-SC-80-T | Entry-level Managed Ethernet Switch with 3 10/100BaseT(X) ports, 2 long-haul (80 km) single mode 100BaseFX ports, SC connector, -40 ~ 75°C |

### 可选配件

| DIN-Rail Power Supplies | | EDS-508A/505A | EDS-408A/405A |
|---|---|---|---|
| DR-4524 | 45W/2A, 24 VDC, with universal 85 ~ 264 VAC input | • | • |
| DR-75-24 | 75W/3.2A, 24 VDC, with universal 85 ~ 264 VAC input | • | • |
| DR-120-24 | 120W/5A, 24 VDC, with 88 ~ 132 VAC/176 ~ 264 VAC input by switch | • | • |
| Mounting Kit | | | |
| WK-46 | Wall Mounting Kit | • | • |
| SNMP OPC Server Software | | | |
| EDS-SNMP OPC Server Pro | CD with EDS-SNMP OPC Server Software and Manual | • | • |

## 非网管型以太网交换机

### EDS-316系列

| | |
|---|---|
| EDS-316 | Industrial Unmanaged Ethernet Switch with 16 10/100BaseT(X) ports, 0 ~ 60°C |
| EDS-316-M-SC | Industrial Unmanaged Ethernet Switch with 15 10/100BaseT(X) ports, 1 multi mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-316-M-ST | Industrial Unmanaged Ethernet Switch with 15 10/100BaseT(X) ports, 1 multi mode 100BaseFX ports, ST connector, 0 ~ 60°C |
| EDS-316-MM-SC | Industrial Unmanaged Ethernet Switch with 14 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-316-MM-ST | Industrial Unmanaged Ethernet Switch with 14 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, ST connector, 0 ~ 60°C |
| EDS-316-MS-SC | Industrial Unmanaged Ethernet Switch with 14 10/100BaseT(X) ports, 1 multi mode and 1 single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-316-S-SC | Industrial Unmanaged Ethernet Switch with 15 10/100BaseT(X) ports, 1 single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-316-SS-SC | Industrial Unmanaged Ethernet Switch with 14 10/100BaseT(X) ports, 2 single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-316-MS-SC-80 | Industrial Unmanaged Ethernet Switch with 14 10/100BaseT(X) ports, 1 multi mode and 1 long-haul (80 km) single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-316-S-SC-80 | Industrial Unmanaged Ethernet Switch with 15 10/100BaseT(X) ports, 1 long-haul (80 km) single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-316-SS-SC-80 | Industrial Unmanaged Ethernet Switch with 14 10/100BaseT(X) ports, 2 long-haul (80 km) single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-316-SS-SC-40/80 | Industrial Unmanaged Ethernet Switch with 14 10/100BaseT(X) ports, 1 single mode 100BaseFX ports, and 1 long-haul (80 km) single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-316-T | Industrial Unmanaged Ethernet Switch with 16 10/100BaseT(X) ports, -40 ~ 75°C |
| EDS-316-M-SC-T | Industrial Unmanaged Ethernet Switch with 15 10/100BaseT(X) ports, 1 multi mode 100BaseFX ports, SC connector, -40 ~ 75°C |
| EDS-316-M-ST-T | Industrial Unmanaged Ethernet Switch with 15 10/100BaseT(X) ports, 1 multi mode 100BaseFX ports, ST connector, -40 ~ 75°C |
| EDS-316-MM-SC-T | Industrial Unmanaged Ethernet Switch with 14 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, SC connector, -40 ~ 75°C |
| EDS-316-MM-ST-T | Industrial Unmanaged Ethernet Switch with 14 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, ST connector, -40 ~ 75°C |
| EDS-316-MS-SC-T | Industrial Unmanaged Ethernet Switch with 14 10/100BaseT(X) ports, 1 multi mode and 1 single mode 100BaseFX ports, SC connector, -40 ~ 75°C |
| EDS-316-S-SC-T | Industrial Unmanaged Ethernet Switch with 15 10/100BaseT(X) ports, 1 single mode 100BaseFX ports, SC connector, -40 ~ 75°C |
| EDS-316-SS-SC-T | Industrial Unmanaged Ethernet Switch with 14 10/100BaseT(X) ports, 2 single mode 100BaseFX ports, SC connector, -40 ~ 75°C |

### EDS-308/305系列

| | |
|---|---|
| EDS-308 | Industrial Unmanaged Ethernet Switch with 8 10/100BaseT(X) ports, 0 ~ 60°C |
| EDS-308-M-SC | Industrial Unmanaged Ethernet Switch with 7 10/100BaseT(X) ports, 1 multi mode 100BaseFX port, SC connector, 0 ~ 60°C |
| EDS-308-S-SC | Industrial Unmanaged Ethernet Switch with 7 10/100BaseT(X) ports, 1 single mode 100BaseFX port, SC connector, 0 ~ 60°C |
| EDS-308-MM-SC | Industrial Unmanaged Ethernet Switch with 6 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-308-MM-ST | Industrial Unmanaged Ethernet Switch with 6 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, ST connector, 0 ~ 60°C |
| EDS-308-SS-SC | Industrial Unmanaged Ethernet Switch with 6 10/100BaseT(X) ports, 2 single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-308-S-SC-80 | Industrial Unmanaged Ethernet Switch with 7 10/100BaseT(X) ports, 1 long-haul (80 km) single mode 100BaseFX port, SC connector, 0 ~ 60°C |
| EDS-308-SS-SC-80 | Industrial Unmanaged Ethernet Switch with 6 10/100BaseT(X) ports, 2 long-haul (80 km) single mode 100BaseFX ports, SC connector, 0 ~ 60°C |
| EDS-305 | Industrial Unmanaged Ethernet Switch with 5 10/100BaseT(X) ports, 0 ~ 60°C |
| EDS-305-M-SC | Industrial Unmanaged Ethernet Switch with 4 10/100BaseT(X) ports, 1 multi mode 100BaseFX port, SC connector, 0 ~ 60°C |
| EDS-305-M-ST | Industrial Unmanaged Ethernet Switch with 4 10/100BaseT(X) ports, 1 multi mode 100BaseFX port, ST connector, 0 ~ 60°C |
| EDS-305-S-SC | Industrial Unmanaged Ethernet Switch with 4 10/100BaseT(X) ports, 1 single mode 100BaseFX port, SC connector, 0 ~ 60°C |
| EDS-305-S-SC-80 | Industrial Unmanaged Ethernet Switch with 4 10/100BaseT(X) ports, 1 long-haul (80 km) single mode 100BaseFX port, SC connector, 0 ~ 60°C |
| EDS-308-T | Industrial Unmanaged Ethernet Switch with 8 10/100BaseT(X) ports, -40 ~ 75°C |
| EDS-308-M-SC-T | Industrial Unmanaged Ethernet Switch with 7 10/100BaseT(X) ports, 1 multi mode 100BaseFX port, SC connector, -40 ~ 75°C |
| EDS-308-S-SC-T | Industrial Unmanaged Ethernet Switch with 7 10/100BaseT(X) ports, 1 single mode 100BaseFX port, SC connector, -40 ~ 75°C |
| EDS-308-MM-SC-T | Industrial Unmanaged Ethernet Switch with 6 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, SC connector, -40 ~ 75°C |
| EDS-308-MM-ST-T | Industrial Unmanaged Ethernet Switch with 6 10/100BaseT(X) ports, 2 multi mode 100BaseFX ports, ST connector, -40 ~ 75°C |
| EDS-308-SS-SC-T | Industrial Unmanaged Ethernet Switch with 6 10/100BaseT(X) ports, 2 single mode 100BaseFX ports, SC connector, -40 ~ 75°C |
| EDS-305-T | Industrial Unmanaged Ethernet Switch with 5 10/100BaseT(X) ports, -40 ~ 75°C |
| EDS-305-M-SC-T | Industrial Unmanaged Ethernet Switch with 4 10/100BaseT(X) ports, 1 multi mode 100BaseFX port, SC connector, -40 ~ 75°C |
| EDS-305-M-ST-T | Industrial Unmanaged Ethernet Switch with 4 10/100BaseT(X) ports, 1 multi mode 100BaseFX port, ST connector, -40 ~ 75°C |
| EDS-305-S-SC-T | Industrial Unmanaged Ethernet Switch with 4 10/100BaseT(X) ports, 1 single mode 100 BaseFX port, SC connector, -40 ~ 75°C |
| EDS-305-S-SC-80-T | Industrial Unmanaged Ethernet Switch with 4 10/100BaseT(X) ports, 1 long-haul (80 km) single mode 100 BaseFX port, SC connector, -40 ~ 75°C |

### EDS-208/205系列

| | |
|---|---|
| EDS-208 | Entry-level Unmanaged Ethernet Switch with 8 10/100BaseT(X) ports, -10 ~ 60°C |
| EDS-208-M-SC | Entry-level Unmanaged Ethernet Switch with 7 10/100BaseT(X) ports, 1 multi mode 100BaseFX port, SC connector, -10 ~ 60°C |
| EDS-208-M-ST | Entry-level Unmanaged Ethernet Switch with 7 10/100BaseT(X) ports, 1 multi mode 100BaseFX port, ST connector, -10 ~ 60°C |
| EDS-205 | Entry-level Unmanaged Ethernet Switch with 5 10/100BaseT(X) ports, -10 ~ 60°C |

### 可选配件

| DIN-Rail Power Supplies | | EDS-316 | EDS-308/305 | EDS-208/205 |
|---|---|---|---|---|
| DR-4524 | 45W/2A, 24 VDC, with universal 85 ~ 264 VAC input | • | • | • |
| DR-75-24 | 75W/3.2A, 24 VDC, with universal 85 ~ 264 VAC input | • | • | • |
| DR-120-24 | 120W/5A, 24 VDC, with 88 ~ 132 VAC/176 ~ 264 VAC input by switch | • | • | • |
| Mounting Kit | | | | |
| WK-46 | Wall Mounting Kit | • | • | |

## 工业无线以太网

### AWK-1100系列

| | |
|---|---|
| AWK-1100-US | IEEE802.11g Wireless AP/Bridge/AP Client, 0 ~ 60°C, US band |
| AWK-1100-EU | IEEE802.11g Wireless AP/Bridge/AP Client, 0 ~ 60°C, Euro band |

### 可选配件

| DIN-Rail Power Supplies | | AWK-1100 |
|---|---|---|
| DR-4524 | 45W/2A, 24 VDC, with universal 85 ~ 264 VAC input | • |
| DR-75-24 | 75W/3.2A, 24 VDC, with universal 85 ~ 264 VAC input | • |
| DR-120-24 | 120W/5A, 24 VDC, with 88 ~ 132 VAC/176 ~ 264 VAC input by switch | • |
| Mounting Kit | | |
| WK-46 | Wall Mounting Kit | • |
| IEEE802.11g/b Omni & Directional Antennas | | |
| ANT-1-O-09 | 2.4 GHz, omni-directional, 9 dBi Antenna, N-Female connector | • |
| ANT-1-D-12 | 2.4 GHz, directional, 12 dBi Antenna, N-Female connector | • |
| CRF-N0117SA-3M | CFD200 cable, N-Male ~ RP SMA Male connector, 3 meters | • |
| HA-1002SU | Swivel Mounting Kit, swivel angle 90° horizontal, 40° vertical | • |

## 设备联网

# 设备安全联网服务器

### NPort 6150

| | |
|---|---|
| NPort 6150-US | 1-port RS-232/422/485 ~ Ethernet Secure Device Server, 110 VAC, US Plug |
| NPort 6150-EU | 1-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, Euro Plug |
| NPort 6150-UK | 1-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, UK Plug |
| NPort 6150-JP | 1-port RS-232/422/485 ~ Ethernet Secure Device Server, 100 VAC, US Plug |
| NPort 6150-SAA | 1-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, Australia Plug |
| NPort 6150-CN | 1-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, US Plug |

所有产品均含：
NPort 6150 x 1 / 快速安装指南 / 使用手册和软件安装光盘 / 电源适配器

### NPort 6250

| | |
|---|---|
| NPort 6250-US | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 100 VAC, US Plug |
| NPort 6250-EU | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, Euro Plug |
| NPort 6250-UK | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, UK Plug |
| NPort 6250-JP | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 100 VAC, US Plug |
| NPort 6250-SAA | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, Australia Plug |
| NPort 6250-CN | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, US Plug |
| NPort 6250-M-SC-US | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 100 VAC, US Plug, Multi Mode Fiber |
| NPort 6250-M-SC-EU | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, Euro Plug, Multi Mode Fiber |
| NPort 6250-M-SC-UK | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, UK Plug, Multi Mode Fiber |
| NPort 6250-M-SC-JP | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 100 VAC, US Plug, Multi Mode Fiber |
| NPort 6250-M-SC-SAA | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, Australia Plug, Multi Mode Fiber |
| NPort 6250-M-SC-CN | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, US Plug, Multi Mode Fiber |
| NPort 6250-S-SC-US | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 100 VAC, US Plug, Single Mode Fiber |
| NPort 6250-S-SC-EU | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, Euro Plug, Single Mode Fiber |
| NPort 6250-S-SC-UK | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, UK Plug, Single Mode Fiber |
| NPort 6250-S-SC-JP | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 100 VAC, US Plug, Single Mode Fiber |
| NPort 6250-S-SC-SAA | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, Australia Plug, Single Mode Fiber |
| NPort 6250-S-SC-CN | 2-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, US Plug, Single Mode Fiber |

所有产品均含：
NPort 6250 x 1 / 快速安装指南 / 使用手册和软件安装光盘 / 电源适配器

### NPort 6450

| | |
|---|---|
| NPort 6450-US | 4-port RS-232/422/485 ~ Ethernet Secure Device Server, 110 VAC, US Plug |
| NPort 6450-EU | 4-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, Euro Plug |
| NPort 6450-UK | 4-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, UK Plug |
| NPort 6450-JP | 4-port RS-232/422/485 ~ Ethernet Secure Device Server, 100 VAC, US Plug |
| NPort 6450-SAA | 4-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, Australia Plug |
| NPort 6450-CN | 4-port RS-232/422/485 ~ Ethernet Secure Device Server, 240 VAC, US Plug |

所有产品均含：
NPort6450 x 1 / 快速安装指南 / 使用手册和软件安装光盘 / 电源适配器

### NPort 6650

| | |
|---|---|
| NPort 6650-8 | 8-port RS-232/422/485 ~ Ethernet Secure Device Server, 100-240 VAC input |
| NPort 6650-16 | 16-port RS-232/422/485 ~ Ethernet Secure Device Server, 100-240 VAC input |

所有产品均含：
NPort6650 x 1 / 快速安装指南 / 使用手册和软件安装光盘 / 电源线 / CBL-RJ45F9-150 x 1 / CBL-RJ45M25-150 x 1

### 扩展模块

| | | 6150 | 6250 | 6450 | 6650-8 | 6650-16 |
|---|---|---|---|---|---|---|
| NM-TX01 | 1 10/100Base Tx port | --- | --- | • | • | • |
| NM-TX02 | 2 10/100Base Tx port | --- | --- | • | • | • |
| NM-FX01-S-SC | 1 100Base Fx port, single mode, SC connector | --- | • | • | • | • |
| NM-FX01-M-SC | 1 100Base Fx port, single mode, SC connector | --- | • | • | • | • |
| NM-FX02-S-SC | 2 100Base Fx port, single mode, SC connector | --- | • | • | • | • |
| NM-FX02-M-SC | 2 100Base Fx port, multi mode, SC connector | --- | • | • | • | • |
| NM-PR01 | 1 parallel port | --- | • | • | • | • |

### 可选配件

| DIN-Rail Mounting Kit | | 6150 | 6250 | 6450 | 6650-8 | 6650-16 |
|---|---|---|---|---|---|---|
| DK-35A | (35mm) | • | • | • | --- | --- |
| Serial Cables | | | | | | |
| NP21101 | DB25(M) ~ DB9(F) RS-232 Cable, 30 cm | • | • | • | --- | --- |
| CBL-RJ45M9-150 | 8-pin RJ45 ~ male DB9 cable, 150 cm | --- | --- | --- | • | • |
| CBL-RJ45F9-150 | 8-pin RJ45 ~ female DB9 cable, 150 cm | --- | --- | --- | • | • |
| CBL-RJ45M25-150 | 8-pin RJ45 ~ male DB25 cable, 150 cm | --- | --- | --- | • | • |
| CBL-RJ45F25-150 | 8-pin RJ45 ~ female DB25 cable, 150 cm | --- | --- | --- | • | • |
| Adaptors | | | | | | |
| 11170000227<br>Plug Type: Japan | Input Rating: 100 ~ 240 VAC, 50/60 Hz<br>Output Rating: 1200 mA @ 12 VDC | • | • | • | --- | --- |
| 11170000251<br>Plug Type: US | Input Rating: 120 VAC, 60 Hz<br>Output Rating: 1200 mA @ 12 VDC | • | • | • | --- | --- |
| 11170000252<br>Plug Type: Euro | Input Rating: 230 VAC, 50 Hz<br>Output Rating: 1200 mA @ 12 VDC | • | • | • | --- | --- |
| 11170000253<br>Plug Type: US | Input Rating: 120 VAC, 60 Hz<br>Output Rating: 400 mA @ 12 VDC | • | • | • | --- | --- |
| 11170000254<br>Plug Type: UK | Input Rating: 230 VAC, 60 Hz<br>Output Rating: 1200 mA @ 12 VDC | • | • | • | --- | --- |
| 11170000255<br>Plug Type: Euro | Input Rating: 230 VAC, 50 Hz<br>Output Rating: 400 mA @ 12 VDC | • | • | • | --- | --- |
| 11170000256<br>Plug Type: UK | Input Rating: 230 VAC, 50 Hz<br>Output Rating: 400 mA @ 12 VDC | • | • | • | --- | --- |
| Power Cords | | | | | | |
| 17050000001<br>Euro plug (230V) | Thickness: 6.8 mm / Max 电流: 16A<br>Length: 1830 mm | --- | --- | --- | • | • |
| 17050000002<br>US plug (110V) | Thickness: 6.8 mm / Max 电流: 10A<br>Length: 1830 mm | --- | --- | --- | • | • |
| 17050000005<br>UK plug (230V) | Thickness: 6.8 mm / Max 电流: 10A<br>Length: 1830 mm | --- | --- | --- | • | • |
| 17050000006<br>Japan plug (100V) | Thickness: 7.0 mm / Max 电流: 7A<br>Length: 1890 mm | --- | --- | --- | • | • |

## 工业级设备联网服务器

### NPort IA系列

| | |
|---|---|
| NPort IA5150 | 1-port RS-232/422/485 serial device server, 2 x 10/100BaseT(X) (RJ45, Single IP) |
| NPort IA5150I | 1-port RS-232/422/485 serial device server with 2 KV 隔离保护, 2 x 10/100BaseT(X) (RJ45, Single IP) |
| NPort IA-5150-M-SC | 1-port RS-232/422/485 serial device server, 2 x 10/100BaseF(X), Multi Mode Fiber (SC Connector) |
| NPort IA-5150I-M-SC | 1-port RS-232/422/485 serial device server with 2 KV 隔离保护, 2 x 10/100BaseF(X), Multi Mode Fiber (SC Connector) |
| NPort IA-5150-S-SC | 1-port RS-232/422/485 serial device server, 2 x 10/100BaseF(X), Single Mode Fiber (SC Connector) |
| NPort IA-5150I-S-SC | 1-port RS-232/422/485 serial device server with 2 KV 隔离保护, 2 x 10/100BaseF(X), Single Mode Fiber (SC Connector) |
| NPort IA5250 | 2-port RS-232/422/485 serial device server, 2 x 10/100BaseT(X) (RJ45, Single IP) |

所有产品均含：
工业设备联网服务器 x 1 / 快速安装指南 / 使用手册和软件安装光盘

### 可选配件

| | | NPort IA5150/ 5150I | NPort IA5150-M-SC/ 5150I-M-SC | NPort IA5150-S-SC/ 5150I-S-SC | NPortIA 5250 |
|---|---|---|---|---|---|
| Serial Cable | | | | | |
| NP21101 | DB25(M) ~ DB9(F) RS-232 Cable, 30 cm | • | • | • | • |
| DIN-Rail Power Supply | | | | | |
| DR-4524 | 45W/2A, 24 VDC, with universal 85 ~ 264 VAC input | • | • | • | • |
| Adaptors | | | | | |
| 11170000227<br>Plug Type: Japan | Input Rating : 100 ~ 240 VAC, 50/60 Hz<br>Output Rating : 1200 mA @ 12 VDC | • | • | • | • |
| 11170000251<br>Plug Type: US | Input Rating : 120 VAC, 60 Hz<br>Output Rating : 1200 mA @ 12 VDC | • | • | • | • |
| 11170000252<br>Plug Type: Euro | Input Rating : 230 VAC, 50 Hz<br>Output Rating : 1200 mA @ 12 VDC | • | • | • | • |
| 11170000253<br>Plug Type: US | Input Rating : 120 VAC, 60 Hz<br>Output Rating : 400 mA @ 12 VDC | • | • | • | • |
| 11170000254<br>Plug Type: UK | Input Rating : 230 VAC, 60 Hz<br>Output Rating : 1200 mA @ 12 VDC | • | • | • | • |
| 11170000255<br>Plug Type: Euro | Input Rating : 230 VAC, 50 Hz<br>Output Rating : 400 mA @ 12 VDC | • | • | • | • |
| 11170000256<br>Plug Type: UK | Input Rating : 230 VAC, 50 Hz<br>Output Rating : 400 mA @ 12 VDC | • | • | • | • |

# 串口设备联网服务器

## NPort 5100

| | |
|---|---|
| NPort 5110 | 1-port RS-232 Device Server |
| NPort 5130 | 1-port RS-422/485 serial device server |
| NPort 5150 | 1-port RS-232/422/485 serial device server |

所有产品均含：
NPort 5110 x 1 / 快速安装指南 / 使用手册和软件安装光盘 / 电源适配器

## NPort 5200

| | |
|---|---|
| NPort 5210 | 2-port RS-232 serial device server |
| NPort 5230 | 2-port serial device server; 1 口 for RS-232, 1 口 for RS-422/485 |
| NPort 5232 | 2-port RS-422/485 serial device server |
| NPort 5232I | 2-port RS-422/485 serial device server with 2 KV 隔离保护 |
| NPort 5210-T | 2-port RS-232 serial device server, -40 ~ 75°C operation temperature |

所有产品均含：
2串口设备联网服务器 x 1 / 快速安装指南 / 使用手册和软件安装光盘

## NPort DE-211/311

| | |
|---|---|
| DE-311-US | 10/100 Mbps, 1-port RS-232/422/485 serial device server, 110V, US plug |
| DE-311-EU | 10/100 Mbps, 1-port RS-232/422/485 serial device server, 230V, Euro plug |
| DE-311-UK | 10/100 Mbps, 1-port RS-232/422/485 serial device server, 230V, UK plug |
| DE-311-JP | 10/100 Mbps, 1-port RS-232/422/485 serial device server, 100V, US plug |
| DE-311-SAA | 10/100 Mbps, 1-port RS-232/422/485 serial device server, 230V, Australia plug |
| DE-311-CN | 10/100 Mbps, 1-port RS-232/422/485 serial device server, 230V, US plug |
| DE-211-US | 10 Mbps, 1-port RS-232/422/485 serial device server, 110V, US plug |
| DE-211-EU | 10 Mbps, 1-port RS-232/422/485 serial device server, 230V, Euro plug |
| DE-211-UK | 10 Mbps, 1-port RS-232/422/485 serial device server, 230V, UK plug |
| DE-211-JP | 10 Mbps, 1-port RS-232/422/485 serial device server, 100V, US plug |
| DE-211-SAA | 10 Mbps, 1-port RS-232/422/485 serial device server, 230V, Australia plug |
| DE-211-CN | 10 Mbps, 1-port RS-232/422/485 serial device server, 230V, US plug |

所有产品均含：
单串口设备联网服务器 / 快速安装指南 / 使用手册和软件安装光盘

### 1/2口设备联网服务器可选配件

| | | NPot 5110 | NPot 5210 | NPot 5230 | NPot 5232<br>NPot 5232I | DE-311 | DE-211 |
|---|---|---|---|---|---|---|---|
| DIN-Rail Mounting Kit | | | | | | | |
| DK-35A | (35 mm) | • | • | • | • | • | • |
| Serial Cables | | | | | | | |
| NP21101 | DB25(M) ~ DB9(F) RS-232 Cable, 30 cm | • | --- | --- | --- | • | --- |
| NP21102 | DB25(M) ~ DB9(M) RS-232 Cable, 30 cm | --- | --- | --- | --- | --- | • |
| NP21103 | DB25(M) Terminal Block Kit for RS-422/485 | --- | --- | --- | --- | --- | • |
| CBL-RJ45M9-150 | 8-pin RJ45 ~ male DB9 cable, 150 cm | --- | • | --- | --- | --- | --- |
| CBL-RJ45F9-150 | 8-pin RJ45 ~ female DB9 cable, 150 cm | --- | • | --- | --- | --- | --- |
| CBL-RJ45M25-150 | 8-pin RJ45 ~ male DB25 cable, 150 cm | --- | • | --- | --- | --- | --- |
| CBL-RJ45F25-150 | 8-pin RJ45 ~ female DB25 cable, 150 cm | --- | • | --- | --- | --- | --- |
| DIN-Rail Power Supply | | | | | | | |
| DR-4524 | 45W/2A, 24 VDC, with universal 85 ~ 264 VAC input | --- | --- | • | • | --- | --- |
| Adapter | | | | | | | |
| 11170000227<br>Plug Type: Japan | Input Rating : 100 ~ 240 VAC, 50/60 Hz<br>Output Rating : 1200 mA @ 12 VDC | • | • | • | • | • | • |
| 11170000251<br>Plug Type: US | Input Rating : 120 VAC, 60 Hz<br>Output Rating : 1200 mA @ 12 VDC | • | • | • | • | • | • |
| 11170000252<br>Plug Type: Euro | Input Rating : 230 VAC, 50 Hz<br>Output Rating : 1200 mA @ 12 VDC | • | • | • | • | • | • |
| 11170000253<br>Plug Type: US | Input Rating : 120 VAC, 60 Hz<br>Output Rating : 400 mA @ 12 VDC | • | • | • | • | • | • |
| 11170000254<br>Plug Type: UK | Input Rating : 230 VAC, 60 Hz<br>Output Rating : 1200 mA @ 12 VDC | • | • | • | • | • | • |
| 11170000255<br>Plug Type: Euro | Input Rating : 230 VAC, 50 Hz<br>Output Rating : 400 mA @ 12 VDC | • | • | • | • | • | • |
| 11170000256<br>Plug Type: UK | Input Rating : 230 VAC, 50 Hz<br>Output Rating : 400 mA @ 12 VDC | • | • | • | • | • | • |

## NPort 5400

| | |
|---|---|
| NPort 5410 | 4-port RS-232 Serial Device Server |
| NPort 5430 | 4-port RS-422/485 Serial Device Server |
| NPort 5430I | 4-port RS-232 Serial Device Server |

所有产品均含：
4串口设备联网服务器/ 快速安装指南 / 使用手册和软件安装光盘

## NPort 5600

| | |
|---|---|
| NPort 5610-16 | 16-port RS-232 Serial Device Server, 100-240 VAC power input |
| NPort 5610-8 | 8-port RS-232 Serial Device Server, 100-240 VAC power input |
| NPort 5630-16 | 16-port RS-422/485 Serial Device Server, 100-240 VAC power input |
| NPort 5630-8 | 8-port RS-422/485 Serial Device Server, 100-240 VAC power input |

所有产品均含：
8/16串口设备联网服务器 / 快速安装指南 / 使用手册和软件安装光盘 / 电源线

| | |
|---|---|
| NPort 5610-16-48V | 16-port RS-232 Serial Device Server, 100-240 VAC power input |
| NPort 5610-8-48V | 8-port RS-232 Serial Device Server, 100-240 VAC power input |

所有产品均含：
8/16串口设备联网服务器 / 快速安装指南 / 使用手册和软件安装光盘

### 4/8/16串口设备联网服务器可选配件

| DIN-Rail Mounting Kit | | 5410 | 5430I | 5610-85610-16 | 5610-8-48<br>5610-16-48 | 5630-85630-16 |
|---|---|---|---|---|---|---|
| DK-35A | (35 mm) | • | • | --- | --- | --- |
| Serial Cable | | | | | | |
| NP21101 | DB25(M) to DB9(F) RS-232 Cable, 30 cm | • | --- | --- | --- | --- |
| CBL-RJ45M9-150 | 8-pin RJ45 to male DB9 cable, 150 cm | --- | --- | • | • | • |
| CBL-RJ45F9-150 | 8-pin RJ45 to female DB9 cable, 150 cm | --- | --- | • | • | • |
| CBL-RJ45M25-150 | 8-pin RJ45 to male DB25 cable, 150 cm | --- | --- | • | • | • |
| CBL-RJ45F25-150 | 8-pin RJ45 to female DB25 cable, 150 cm | --- | --- | • | • | • |
| DIN-Rail Power Supply | | | | | | |
| DR-4524 | 45W/2A, 24 VDC, with universal 85 to 264 VAC input | --- | --- | • | • | • |
| Adaptors | | | | | | |
| 11170000227<br>Plug Type: Japan | Input Rating : 100 to 240 VAC, 50/60 Hz<br>Output Rating : 1200 mA @ 12 VDC | --- | • | --- | --- | --- |
| 11170000251<br>Plug Type: US | Input Rating : 120 VAC, 60 Hz<br>Output Rating : 1200 mA @ 12 VDC | • | • | --- | --- | --- |
| 11170000252<br>Plug Type: Euro | Input Rating : 230 VAC, 50 Hz<br>Output Rating : 1200 mA @ 12 VDC | • | • | --- | --- | --- |
| 11170000253 Plug Type: US | Input Rating : 120 VAC, 60 Hz<br>Output Rating : 400 mA @ 12 VDC | • | • | --- | --- | --- |
| 11170000254<br>Plug Type: UK | Input Rating : 230 VAC, 60 Hz<br>Output Rating : 1200 mA @ 12 VDC | • | • | --- | --- | --- |
| 11170000255 Plug Type: Euro | Input Rating : 230 VAC, 50 Hz<br>Output Rating : 400 mA @ 12 VDC | • | • | --- | --- | --- |
| 11170000256<br>Plug Type: UK | Input Rating : 230 VAC, 50 Hz<br>Output Rating : 400 mA @ 12 VDC | • | • | --- | --- | --- |
| Power Cord | | | | | | |
| 17050000001<br>Euro plug (230V) | Thickness: 6.8 mm / Max Current: 16A<br>Length: 1830 mm | --- | --- | • | • | • |
| 17050000002<br>US plug (110V) | Thickness: 6.8 mm / Max Current: 10A<br>Length: 1830 mm | --- | --- | • | • | • |
| 17050000005<br>UK plug (230V) | Thickness: 6.8 mm / Max Current: 10A<br>Length: 1830 mm | --- | --- | • | • | • |
| 17050000006 Japan plug (100V) | Thickness: 7.0 mm / Max Current: 7A<br>Length: 1890 mm | --- | --- | • | • | • |

## NPort 5650

| | |
|---|---|
| NPort 5650-8 | 8-port RS-232/422/485 to Ethernet Secure Device Server, 100-240 VAC input |
| NPort 5650-16 | 8-port RS-232 Serial Device Server, 100-240 VAC power input |
| NPort 5650-8-M-SC | 8-port RS-232/422/485 serial device server, 10/100BaseF(X), Multi Mode Fiber (SC Connector) |
| NPort 5650-16-M-SC | 16-port RS-232/422/485 serial device server, 10/100BaseF(X), Multi Mode Fiber (SC Connector) |
| NPort 5650-8-S-SC | 8-port RS-232/422/485 serial device server, 10/100BaseF(X), Single Mode Fiber (SC Connector) |
| NPort 5650-16-S-SC | 16-port RS-232/422/485 serial device server, 10/100BaseF(X), Single Mode Fiber (SC Connector) |

所有产品均含：
8/16串口设备联网服务器/ 快速安装指南 / 使用手册和软件安装光盘

### 5650系列可选配件

| Serial Cables | | 5650-8 | 5650-16 | 5650-8-M-SC<br>5650-16-M-SC | 5650-8-S-SC<br>5650-16-S-SC |
|---|---|---|---|---|---|
| CBL-RJ45M9-150 | DB25(M) to DB9(F) RS-232 Cable, 30 cm | • | • | • | • |
| CBL-RJ45F9-150 | 8-pin RJ45 to female DB9 cable, 150 cm | • | • | • | • |
| CBL-RJ45M25-150 | 8-pin RJ45 to male DB25 cable, 150 cm | • | • | • | • |
| CBL-RJ45F25-150 | 8-pin RJ45 to female DB25 cable, 150 cm | • | • | • | • |

### 5650系列可选配件

| Power Cords | | 5650-8 | 5650-16 | 5650-8-M-SC<br>5650-16-M-SC | 5650-8-S-SC<br>5650-16-S-SC |
|---|---|---|---|---|---|
| 17050000001<br>Euro plug (230V) | Thickness: 6.8 mm / Max Current: 16ALength: 1830 mm | • | • | • | • |
| 17050000002<br>US plug (110V) | Thickness: 6.8 mm / Max Current: 10ALength: 1830 mm | • | • | • | • |
| 17050000005<br>UK plug (230V) | Thickness: 6.8 mm / Max Current: 10ALength: 1830 mm | • | • | • | • |
| 17050000006 Japan plug (100V) | Thickness: 7.0 mm / Max Current: 7ALength: 1890 mm | • | • | • | • |

## 串口设备无线联网服务器

### NPort W2150/W2250

| | |
|---|---|
| NPort W2150-US | 1-port RS-232/422/485 Device Server with 802.11b WLAN, antenna, US band, 110 VAC, US plug |
| NPort W2150-EU | 1-port RS-232/422/485 Device Server with 802.11b WLAN, antenna, Euro band, 240 VAC, Euro plug |
| NPort W2150-CN | 1-port RS-232/422/485 Device Server with 802.11b WLAN, antenna, Euro band, US plug, CCC |
| NPort W2150-UK | 1-port RS-232/422/485 Device Server with 802.11b WLAN, antenna, Euro band, UK plug |
| NPort W2150-SAA | 1-port RS-232/422/485 Device Server with 802.11b WLAN, antenna, Euro band, Australia plug |
| NPort W2150-JP | 1-port RS-232/422/485 Device Server with 802.11b WLAN, antenna, Euro band, JP plug |
| NPort W2250-US | 2-port RS-232/422/485 Device Server with 802.11b WLAN, antenna, US band, 110 VAC, US plug |
| NPort W2250-EU | 2-port RS-232/422/485 Device Server with 802.11b WLAN, antenna, Euro band, 240 VAC, Euro plug |
| NPort W2250-CN | 2-port RS-232/422/485 Device Server with 802.11b WLAN, antenna, Euro band, US plug, CCC |
| NPort W2250-UK | 2-port RS-232/422/485 Device Server with 802.11b WLAN, antenna, Euro band, UK plug |
| NPort W2250-SAA | 2-port RS-232/422/485 Device Server with 802.11b WLAN, antenna, Euro band, Australia plug |
| NPort W2250-JP | 2-port RS-232/422/485 Device Server with 802.11b WLAN, antenna, Euro band, JP plug |

所有产品均含：
NPort W2250/W2150 x 1 / RJ45到RJ45以太网双绞线 / RJ45到针式DB9电缆 / 电源适配器，质保书 / 快速安装指南 / 使用手册

### NPort W2004

| | |
|---|---|
| NPort W2004-US | 4-port RS-232/422/485 Device Server with 802.11b/g, antenna, US band, US plug |
| NPort W2004-EU | 4-port RS-232/422/485 Device Server with 802.11b/g, antenna, Euro band, Euro plug |
| NPort W2004-CN | 4-port RS-232/422/485 Device Server with 802.11b/g WLAN, antenna, Euro band, US plug, CCC |
| NPort W2004-UK | 4-port RS-232/422/485 Device Server with 802.11b/g WLAN, antenna, Euro band, UK plug |
| NPort W2004-SAA | 4-port RS-232/422/485 Device Server with 802.11b/g WLAN, antenna, Euro band, Australia plug |

所有产品均含：
NPort W2004 x 1 / RJ45到RJ45以太网双绞线 / RJ45到针式DB9电缆 / 电源适配器，质保书 / 快速安装指南，安装手册

### 可选配件

| DIN-Rail Mounting Kit | | W2150 | W2250 | W2004 |
|---|---|---|---|---|
| DK-35A | (35 mm) | • | • | --- |
| Serial Cables | | | | |
| CBL-RJ45M9-150 | 8-pin RJ45 to male DB9 cable, 150 cm | • | • | • |
| CBL-RJ45F9-150 | 8-pin RJ45 to female DB9 cable, 150 cm | • | • | • |
| CBL-RJ45M25-150 | 8-pin RJ45 to male DB25 cable, 150 cm | • | • | • |
| CBL-RJ45F25-150 | 8-pin RJ45 to female DB25 cable, 150 cm | • | • | • |
| DIN-Rail Power Supplies | | | | |
| DR-4524 | 45W/2A, 24 VDC, with universal 85 to 264 VAC input | --- | --- | • |
| Adaptors | | | | |
| 11170000227<br>Plug Type: Japan | Input Rating : 100 to 240 VAC, 50/60 Hz<br>Output Rating : 1200 mA @ 12 VDC | • | • | • |
| 11170000251<br>Plug Type: US | Input Rating : 120 VAC, 60 Hz<br>Output Rating : 1200 mA @ 12 VDC | • | • | • |
| 11170000252<br>Plug Type: Euro | Input Rating : 230 VAC, 50 Hz<br>Output Rating : 1200 mA @ 12 VDC | • | • | • |

## 终端服务器

### CN2510 Series

| | |
|---|---|
| CN2510-8 | 8-port RS-232 Async Server, 100 to 240 VAC power input |
| CN2510-8-48V V2 | 8-port RS-232 Async Server, +/-48 VDC power input |
| CN2510-16 | 16-port RS-232 Async Server, 100 to 240 VAC power input |
| CN2510-16-48V V2 | 16-port RS-232 Async Server, +/-48 VDC power input |

所有产品均含：
CN2510 x1 / 快速安装指南

### CN2610 Series

| | |
|---|---|
| CN2610-8 | 8-port RS-232 dual LAN Async Server, 100 to 240 VAC power input |
| CN2610-16 | 16-port RS-232 dual LAN Async Server, 100 to 240 VAC power input |

所有产品均含：
CN2610 x 1 / 快速安装指南 / 使用手册和软件安装光盘 / 电源线 x 1, CBL-RJ45F9-150 x 1, CBL-RJ45M25-150 x 1

可选配件

| Serial Cables | | CN2510-8<br>CN2510-16 | CN2510-8-48<br>CN2510-6-48 | CN2610-16 |
|---|---|---|---|---|
| CBL-RJ45M9-150 | 8-pin RJ45 to male DB9 cable, 150 cm | • | • | • |
| CBL-RJ45F9-150 | 8-pin RJ45 to female DB9 cable, 150 cm | • | • | • |
| CBL-RJ45M25-150 | 8-pin RJ45 to male DB25 cable, 150 cm | • | • | • |
| CBL-RJ45F25-150 | 8-pin RJ45 to female DB25 cable, 150 cm | • | • | • |
| Power Cords | | | | |
| 17050000001 Euro plug (230V) | Thickness: 6.8 mm / Max Current: 16A<br>Length: 1830 mm | • | • | • |
| 17050000002 US plug (110V) | Thickness: 6.8 mm / Max Current: 10A<br>Length: 1830 mm | • | • | • |
| 17050000005<br>UK plug (230V) | Thickness: 6.8 mm / Max Current: 10<br>ALength: 1830 mm | • | • | • |
| 17050000006<br>Japan plug (100V) | Thickness: 7.0 mm / Max Current: 7A<br>Length: 1890 mm | • | • | • |

## 嵌入式设备联网模块

| | |
|---|---|
| NE-4110S | 100 Mbps Network Enabler for RS-232 devices, with RJ45 Ethernet connector |
| NE-4110A | 100 Mbps Network Enabler for RS-422/485 devices, with RJ45 Ethernet connector |
| NE-4120S | 100 Mbps Network Enabler for RS-232 devices, with 5-pin Ethernet pin header |
| NE-4120A | 100 Mbps Network Enabler for RS-422/485 devices, with 5-pin Ethernet pin header |
| NE-4100T | 100 Mbps Network Enabler for TTL devices, with DIL package |
| NE-4110S-P | Programmable Version, 100 Mbps Network Enabler for RS-232 devices, with RJ45 Ethernet connector |
| NE-4110A-P | Programmable Version, 100 Mbps Network Enabler for RS-422/485 devices, with RJ45 Ethernet connector |
| NE-4120S-P | Programmable Version, 100 Mbps Network Enabler for RS-232 devices, with 5-pin Ethernet pin header |
| NE-4120A-P | Programmable Version, 100 Mbps Network Enabler for RS-422/485 devices, with 5-pin Ethernet pin header |
| NE-4100T-P | Programmable Version, 100 Mbps Network Enabler for TTL devices, with DIL package |
| NE-4110S-CMD | Serial Command Version, 100 Mbps Network Enabler for RS-232 devices, with RJ45 Ethernet connector |
| NE-4110A-CMD | Serial Command Version, 100 Mbps Network Enabler for RS-422/485 devices, with RJ45 Ethernet connector |
| NE-4120S-CMD | Serial Command Version, 100 Mbps Network Enabler for RS-232 devices, with 5-pin Ethernet pin header |
| NE-4120A-CMD | Serial Command Version, 100 Mbps Network Enabler for RS-422/485 devices, with 5-pin Ethernet pin header |
| NE-4100T-CMD | Serial Command Version, 100 Mbps Network Enabler for TTL devices, with DIL package |
| NE-4110-ST | Starter Kit for NE-4110 Series |
| NE-4120-ST | Starter Kit for NE-4120 Series |
| NE-4100-ST | Starter Kit for NE-4100T Series |
| NE-4000T | Network Enabler for Serial (TTL) devices, DIL package |
| NE-4000T-ST | Starter Kit for NE-4000T Network Enabler |

# 多串口卡

## PCI Express卡

| | |
|---|---|
| CP-118EL | 8-port RS-232/422/485 PCI Express x1 Serial Board, Low Profile, with 15 KV ESD Protection |
| CP-168EL | 8-port RS-232 PCI Express x1 Serial Board, Low Profile, with 15 KV ESD Protection |
| CP-104EL | 4-port RS-232 PCI Express x1 Serial Board, Low Profile, with 15 KV ESD Protection |

所有产品均含：
PCI Express卡 x 1 / 低档板 / 快速安装指南 / 使用手册和软件安装光盘

## Universal PCI卡

| | |
|---|---|
| C320Turbo/PCI | 32-port RS-232 Universal PCI Intelligent Control Board |
| C218Turbo/PCI | 8-port RS-232 Universal PCI Intelligent Control Board |
| CP-118U | 8-port RS-232/422/485 Universal PCI Serial Board , with 15 KV ESD Protection |
| CP-168U V2 | 8-port RS-232 Universal PCI Serial Board, with 15 KV ESD Protection |
| CP-104UL V2 | 4-port RS-232 Universal PCI Serial Board, Low Profile, with 15 KV ESD Protection |
| CP-104JU V2 | 4-port RS-232 Universal PCI Serial Board, with 8-pin RJ45 connector, with 15 KV ESD Protection |
| CP-102U | 2-port RS-232 Universal PCI Serial Board, with 15 KV ESD Protection |
| CP-102UL | 2-port RS-232 Universal PCI Serial Board, Low Profile, with 15 KV ESD Protection |
| CP-134U V2 | 4-port RS-422/485 Universal PCI Serial Board, with 15 KV ESD Protection |
| CP-134U-I V2 | 4-port RS-422/485 Universal PCI Serial Board, with 15 KV ESD Protection and 2 KV Optical Isolation Protection |
| CP-132UL V2 | 2-port RS-422/485 Universal PCI Serial Board, Low Profile, with 15 KV ESD Protection |
| CP-132UL-I V2 | 2-port RS-422/485 Universal PCI Serial Board, Low Profile, with 15 KV ESD Protection and 2 KV Optical Isolation Protection |

所有产品均含：
Universal PCI卡 x 1 / 快速安装指南 / 使用手册和软件安装光盘

## ISA卡

| | |
|---|---|
| C320Turbo | 32-port RS-232 ISA Intelligent Control Board |
| C218Turbo | 8-port RS-232 ISA Intelligent Control Board |
| C168H | 8-port RS-232 ISA Serial Board |
| C168HS | 8-port RS-232 ISA Serial Board, with 25 KV ESD Protection |
| C104H | 4-port RS-232 ISA Serial Board |
| C104HS | 4-port RS-232 ISA Serial Board, with 25 KV ESD Protection |
| CI-134 | 4-port RS-422/485 ISA Serial Board |
| CI-134I | 4-port RS-422/485 ISA Serial Board, with 2 KV Optical Isolation Protection |
| CI-134IS | 4-port RS-422/485 ISA Serial Board, with 25 KV ESD Protection and 2 KV Optical Isolation Protection |
| CI-132 | 2-port RS-422/485 ISA Serial Board |
| CI-132I | 2-port RS-422/485 ISA Serial Board, with 2 KV Optical Isolation Protection |
| CI-132IS | 2-port RS-422/485 ISA Serial Board, with 25 KV ESD Protection and 2 KV Optical Isolation Protection |

所有产品均含：
ISA卡 x 1 / 快速安装指南 / 使用手册和软件安装光盘

## PC/104卡

| | |
|---|---|
| CA-104 | 4-port RS-232 PC/104 Serial Board |
| CA-132 | 2-port RS-422/485 PC/104 Serial Board |
| CA-132I | 2-port RS-422/485 PC/104 Serial Board, with 2 KV Optical Isolation Protection |

3PC/104卡 x1 / 快速安装指南 / 使用手册和软件安装光盘

## 配件

| | |
|---|---|
| TB-M9 | Male DB9 / 77.5 x 45 x 51 mm (3.1 x 1.8 x 2.0 in) |
| TB-F9 | Female DB9 / 77.5 x 45 x 51 mm (3.1 x 1.8 x 2.0 in) |
| TB-M25 | Male DB25 / 77.5 x 90 x 51 mm (3.1 x 3.6 x 2.0 in) |
| TB-F25 | Female DB25 / 77.5 x 90 x 51 mm (3.1 x 3.6 x 2.0 in) |

### 可选配件

| Serial Cables | | CA-104 | CA-132 | CA-132I | CP-104JU V2 |
|---|---|---|---|---|---|
| CBL-RJ45M9-150 | 8-pin RJ45 to male DB9 cable, 150 cm | • | • | • | • |
| CBL-RJ45F9-150 | 8-pin RJ45 to female DB9 cable, 150 cm | • | • | • | • |
| CBL-RJ45M25-150 | 8-pin RJ45 to male DB25 cable, 150 cm | • | • | • | • |
| CBL-RJ45F25-150 | 8-pin RJ45 to female DB25 cable, 150 cm | • | • | • | • |

| Connection Cables for 2-port Serial Boards | | CP-102UL | CP-132UL V2<br>CP-132UL-I V2 |
|---|---|---|---|
| CBL-M25M9x2-50 | DB25 to male DB9 x 2 cable, 50 cm | • | • |

| Connection Cables for 4-port Serial Boards | | C104H/PCI Series<br>C104H Series | CP-114 Series<br>CI-134 Series | CP-104UL V2<br>CP-104EL |
|---|---|---|---|---|
| CBL-M37M25x4-30(OPT4C) | DB37 to male DB25 x 4 cable, 30 cm | • | • | --- |
| CBL-M37M9x4-30(OPT4D) | DB37 to male DB9 x 4 cable, 30 cm | • | • | --- |
| CBL-M44M25x4-50 | DB44 to male DB25 x 4 cable, 50 cm | --- | --- | • |
| CBL-M44M9x4-50 | DB44 to male DB9 x 4 cable, 50 cm | --- | --- | • |

| Connection Cables & Boxes for 8-port Serail Boards | | C218Turbo<br>C218Turbo/PCI | CP-118U | CP-168U V2<br>C168H/PCI<br>C168H Series |
|---|---|---|---|---|
| CBL-M62M25x8-100(OPT8C) | RS-232, DB62 to male DB25 x 8 cable, 100 cm | • | • | • |
| CBL-M62M9x8-100(OPT8D) | RS-232, DB62 to male DB9 x 8 cable, 100 cm | • | • | • |
| OPT8-M9 | RS-232, DB62 to male DB9 x 8 box, Metal, 150 cm | • | • | • |
| OPT8-RJ45 | RS-232, DB62 to 8-pin RJ45 box, Metal, 30 cm | • | • | • |
| OPT8A | RS-232, DB62 to female DB25 x 8 box, Plastic, 150 cm | • | • | • |
| OPT8B | RS-232, DB62 to male DB25 x 8 box, Plastic, 150 cm | • | • | • |
| OPT8S | RS-232, DB62 to female DB25 x 8 box, 25KV ESD Surge Protection, 150 cm | • | • | • |
| OPT8F | RS-422, 115.2Kbps, DB62 to female DB25 x 8 box, 500V Isolation, Power Adaptor included, 150 cm | • | --- | • |
| OPT8K | RS-422/485, 230.4Kbps, DB62 to female DB25 x 8 box, 16 KV ESD Surge Protection, Power Adaptor included, 150 cm | • | --- | • |
| OPT8Z | RS-422, 115.2 Kbps, DB62 to female DB25 x 8 box, Power Adaptor included, 150 cm | • | --- | • |
| OPT8I | RS-422/485, 921.6 Kbps, DB62 to female DB25 x 8 box, 15 KV ESD Surge, 2 KV Isolation, Power Adaptor included, 150 cm | • | --- | • |

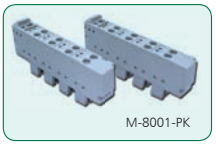
| Connection Cables & Boxes for 8-port Serial Boards | | CP-118EL | CP-168EL |
|---|---|---|---|
| CBL-M68M25x8-100(OPT8C+) | RS-232, SCSI VHDCI 68 to male DB25 x 8 cable, 100 cm | • | • |
| CBL-M68M9x8-100(OPT8D+) | RS-232, SCSI VHDCI 68 to male DB9 x 8 cable, 100 cm | • | • |
| OPT8-M9+ | RS-232, SCSI VHDCI 68 to male DB9 x 8 box, Metal, 150 cm | • | • |
| OPT8A+ | RS-232, SCSI VHDCI 68 to female DB25 x 8 box, Plastic, 150 cm | • | • |
| OPT8B+ | RS-232, SCSI VHDCI 68 to male DB25 x 8 box, Plastic, 150 cm | • | • |
| OPT8S+ | RS-232, SCSI VHDCI 68 to female DB25 x 8 box, 25KV ESD Surge Protection, 150 cm | • | • |
| OPT8F+ | RS-422, 115.2 Kbps, SCSI VHDCI 68 to female DB25 x 8 box, 500V Isolation, Power Adaptor included, 150 cm | • | • |
| OPT8K+ | RS-422/485, 230.4 Kbps, SCSI VHDCI 68 to female DB25 x 8 box, 16 KV ESD Surge Protection, Power Adaptor included, 150 cm | • | --- |
| OPT8Z+ | RS-422, 115.2 Kbps, SCSI VHDCI 68 to female DB25 x 8 box, Power Adaptor included, 150 cm | • | --- |
| OPT8I+ | RS-422/485, 921.6 Kbps, SCSI VHDCI 68 to female DB25 x 8 box, 15 KV ESD Surge, 2 KV Isolation, Power Adaptor included, 150 cm | • | --- |

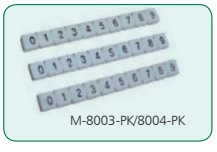
## Remote I/O

| Network Adapters | |
|---|---|
| NA-4010 | Ethernet Network Adapter Modbus/TCP |
| NA-4020 | RS-485 Network Adapter Modbus/RTU |
| NA-4021 | RS-232 Network Adapter Modbus/RTU |
| **Digital Input** | |
| M-1400 | 4 DI, sink, 24 VDC, RTB |
| M-1401 | 4 DI, source, 24 VDC, RTB |
| M-1410 | 4 DI, sink, 48 VDC, RTB |
| M-1411 | 4 DI, source, 48 VDC, RTB |
| M-1800 | 8 DI, sink, 24 VDC, RTB |
| M-1801 | 8 DI, source, 24 VDC, RTB |
| M-1600 | 16 DI, sink, 24 VDC, 20-pin |
| M-1601 | 16 DI, source, 24 VDC, 20-pin |
| M-1450 | 4 DI, 110 VAC, RTB |
| M-1451 | 4 DI, 220 VAC, RTB |
| **Digital Output** | |
| M-2400 | 4 DO, sink, MOSFET, 24 VDC, 0.5A, RTB |
| M-2401 | 4 DO, source, MOSFET, 24 VDC, 0.5A, RTB |
| M-2800 | 8 DO, sink, MOSFET, 24 VDC, 0.5A, RTB |
| M-2801 | 8 DO, source, MOSFET, 24 VDC, 0.5A, RTB |
| M-2600 | 16 DO, sink, MOSFET, 24 VDC, 0.3A, 20-pin |
| M-2601 | 16 DO, source, MOSFET, 24 VDC, 0.3A, 20-pin |
| M-2402 | 4 DO, sink, MOSFET, with diagnostics, 24 VDC, 0.5A, RTB |
| M-2403 | 4 DO, source, MOSFET, with diagnostics, 24 VDC, 0.5A, RTB |
| M-2404 | 4 DO, sink, MOSFET, with diagnostics, 24 VDC, 2.0A, RTB |
| M-2405 | 4 DO, source, MOSFET, with diagnostics, 24 VDC, 2.0A, RTB |
| M-2250 | 2 DO, Relay, 230 VAC, 24 VDC, 2.0A, RTB |
| M-2254 | 2 DO, Triac, 12-125 VAC, 0.5A, RTB |

* RTB：可移除终端端子
* 20-pin：20针针脚

| Analog Input | |
|---|---|
| M-3400 | 4 AI, Current, 0-20 mA, single-ended, 12-bit, RTB |
| M-3402 | 4 AI, Current, 4-20 mA, single-ended, 12-bit, RTB |
| M-3410 | 4 AI, Voltage, 0-10V, single-ended,12-bit, RTB |
| M-3412 | 4 AI, Voltage, -10-10V, single-ended, 12-bit, RTB |
| M-3414 | 4 AI, Voltage, 0-5V, single-ended, 12-bit, RTB |
| M-3401 | 4 AI, Current, 0-20 mA, single-ended, 14-bit, RTB |
| M-3403 | 4 AI, Current, 4-20 mA, single-ended, 14-bit, RTB |
| M-3411 | 4 AI, Voltage, 0-10V, single-ended, 14-bit, RTB |
| M-3413 | 4 AI, Voltage, -10-10V, single-ended, 14-bit, RTB |
| M-3415 | 4 AI, Voltage, 0-5V, single-ended, 14-bit, RTB |
| M-6200 | 2AI, RTD: PT100, JPT100 300O hm, RTB |
| M-6201 | 2AI, Thermocouple: 30 mV (1 μV/bit), RTB |
| **Analog Output** | |
| M-4201 | 2 AO, Current, 0-20 mA, 12-bit, RTB |
| M-4202 | 2 AO, Current, 4-20 mA, 12-bit, RTB |
| M-4210 | 2 AO, Voltage, 0-10V, 12-bit, RTB |
| M-4211 | 2 AO, Voltage, -10-10V, 12-bit, RTB |
| M-4212 | 2 AO, Voltage, 0-5V, 12-bit, RTB |
| **System Modules** | |
| M-7001 | System expansion power supply, 1.0A (5 VDC) |
| M-7002 | Field power distributor, 10A (24/48 VDC, 110/220 VAC) |
| M-7803 | Potential Distribution, 8-ch, Shield signal |
| M-7804 | Potential Distribution, 8-ch, 0 VDC |
| M-7805 | Potential Distribution, 8-ch, 24 VDC |
| M-7806 | Potential Distribution, 4-ch/24 VDC, 4-ch/0 VDC |
| **Accessories** | |
| M-8001-PK | Removable terminal block, 9 pcs per pack |
| M-8003-PK | Marker with 0-9 numbering, white color, 100 pcs |
| M-8004-PK | Blank marker, 100 pcs |


M-8001-PK


M-8003-PK/8004-PK

## 智能通讯服务器

### UC-7420

| | |
|---|---|
| UC-7420-LX | RISC-based Ready-to-Run Embedded Computer with 8 Serial Ports, Dual Ethernet, USB, PCMCIA, CompactFlash, Linux OS, US and Euro Plug |
| UC-7420-CE | RISC-based Ready-to-Run Embedded Computer with 8 Serial Ports, Dual Ethernet, USB, PCMCIA, CompactFlash, WinCE 5.0, US and Euro Plug |
| UC-7420-LX (UK Plug) | RISC-based Ready-to-Run Embedded Computer with 8 Serial Ports, Dual Ethernet, USB, PCMCIA, CompactFlash, Linux OS, UK Plug |
| UC-7420-CE (UK Plug) | RISC-based Ready-to-Run Embedded Computer with 8 Serial Ports, Dual Ethernet, USB, PCMCIA, CompactFlash, WinCE 5.0, UK Plug |
| UC-7420-LX (SAA Plug) | RISC-based Ready-to-Run Embedded Computer with 8 Serial Ports, Dual Ethernet, USB, PCMCIA, CompactFlash, Linux OS, Australia Plug |
| UC-7420-CE (SAA Plug) | RISC-based Ready-to-Run Embedded Computer with 8 Serial Ports, Dual Ethernet, USB, PCMCIA, CompactFlash, WinCE 5.0, Australia Plug |

所有产品均含：
UC-7420 x 1 / 快速安装指南 / 使用手册和软件安装光盘 / 壁挂式安装配件 / 线缆 / 电源适配器

### UC-7410

| | |
|---|---|
| UC-7410-LX | RISC-based Ready-to-Run Embedded Computer with 8 Serial Ports, Dual Ethernet, Linux OS, US and Euro Plug |
| UC-7410-CE | RISC-based Ready-to-Run Embedded Computer with 8 Serial Ports, Dual Ethernet, WinCE 5.0, US and Euro Plug |
| UC-7410-LX (UK Plug) | RISC-based Ready-to-Run Embedded Computer with 8 Serial Ports, Dual Ethernet, Linux OS, UK Plug |
| UC-7410-CE (UK Plug) | RISC-based Ready-to-Run Embedded Computer with 8 Serial Ports, Dual Ethernet, WinCE 5.0, UK Plug |
| UC-7410-LX (SAA Plug) | RISC-based Ready-to-Run Embedded Computer with 8 Serial Ports, Dual Ethernet, Linux OS, Australia Plug |
| UC-7410-CE (SAA Plug) | RISC-based Ready-to-Run Embedded Computer with 8 Serial Ports, Dual Ethernet, WinCE 5.0, Australia Plug |

所有产品均含：
UC-7410 x 1 / 快速安装指南 / 使用手册和软件安装光盘 / 壁挂式安装配件 / 线缆 / 电源适配器

### UC-7408

| | |
|---|---|
| UC-7408-LX | RISC-based Data Acquisition Embedded Computer with 8 Serial Ports, 8 DI Channels, 8 DO Channels, Dual Ethernet, PCMCIA, CompactFlash, Linux OS, US and Euro Plug |
| UC-7408-CE | RISC-based Data Acquisition Embedded Computer with 8 Serial Ports, 8 DI Channels, 8 DO Channels, Dual Ethernet, PCMCIA, CompactFlash, WinCE 5.0, US and Euro Plug |
| UC-7408-LX (UK Plug) | RISC-based Data Acquisition Embedded Computer with 8 Serial Ports, 8 DI Channels, 8 DO Channels, Dual Ethernet, PCMCIA, CompactFlash, Linux OS, UK Plug |
| UC-7408-CE (UK Plug) | RISC-based Data Acquisition Embedded Computer with 8 Serial Ports, 8 DI Channels, 8 DO Channels, Dual Ethernet, PCMCIA, CompactFlash, WinCE 5.0, UK Plug |
| UC-7408-LX (SAA Plug) | RISC-based Data Acquisition Embedded Computer with 8 Serial Ports, 8 DI Channels, 8 DO Channels, Dual Ethernet, PCMCIA, CompactFlash, Linux OS, Australia Plug |
| UC-7408-CE (SAA Plug) | RISC-based Data Acquisition Embedded Computer with 8 Serial Ports, 8 DI Channels, 8 DO Channels, Dual Ethernet, PCMCIA, CompactFlash, WinCE 5.0, Australia Plug |

所有产品均含：
UC-7408 x 1 / 快速安装指南 / 使用手册和软件安装光盘 / 壁挂式安装配件 / 线缆 / 电源适配器

### UC-7402

| | |
|---|---|
| UC-7402-LX | RISC-based Ready-to-Run Embedded Network Computer with Dual Ethernet, PCMCIA, CompactFlash, Linux OS, US and Euro Plug |
| UC-7402-LX (UK Plug) | RISC-based Ready-to-Run Embedded Network Computer with Dual Ethernet, PCMCIA, CompactFlash, Linux OS, UK Plug |
| UC-7402-LX (SAA Plug) | RISC-based Ready-to-Run Embedded Network Computer with Dual Ethernet, PCMCIA, CompactFlash, Linux OS, Australia Plug |

所有产品均含：
UC-7402 x 1 / 快速安装指南 / 使用手册和软件安装光盘 / 壁挂式安装配件 / 线缆 / 电源适配器

### UC-7110

| | |
|---|---|
| UC-7110-LX | Mini RISC-based Ready-to-Run Embedded Computer with 2 Serial Ports, Dual Ethernet, μClinux OS, US and Euro Plug |
| UC-7110-T-LX | Mini RISC-based Ready-to-Run Embedded Computer with 2 Serial Ports, Dual Ethernet, μClinux OS, Wide Temperature, US and Euro Plug |
| UC-7110-LX (UK Plug) | Mini RISC-based Ready-to-Run Embedded Computer with 2 Serial Ports, Dual Ethernet, μClinux OS, UK Plug |
| UC-7110-T-LX (UK Plug) | Mini RISC-based Ready-to-Run Embedded Computer with 2 Serial Ports, Dual Ethernet, μClinux OS, Wide Temperature, UK Plug |
| UC-7110-LX (SAA Plug) | Mini RISC-based Ready-to-Run Embedded Computer with 2 Serial Ports, Dual Ethernet, μClinux OS, Australia Plug |
| UC-7110-T-LX (SAA Plug) | Mini RISC-based Ready-to-Run Embedded Computer with 2 Serial Ports, Dual Ethernet, μClinux OS, Wide Temperature, Australia Plug |

所有产品均含：
UC-7110 x 1 / 快速安装指南 / 使用手册和软件安装光盘 / 壁挂式安装配件 / 线缆 / 电源适配器

### UC-7112

| | |
|---|---|
| UC-7112-LX | Mini RISC-based Ready-to-Run Embedded Computer with 2 Serial Ports, Dual Ethernet, SD, μClinux OS, US and Euro Plug |
| UC-7112-LX (UK Plug) | Mini RISC-based Ready-to-Run Embedded Computer with 2 Serial Ports, Dual Ethernet, SD, μClinux OS, UK Plug |
| UC-7112-LX (SAA Plug) | Mini RISC-based Ready-to-Run Embedded Computer with 2 Serial Ports, Dual Ethernet, SD, μClinux OS, Australia Plug |

所有产品均含：
UC-7112 x 1 / 快速安装指南 / 使用手册和软件安装光盘 / 壁挂式安装配件 / 线缆 / 电源适配器

### ThinkCore IA241

| | |
|---|---|
| ThinkCore IA241-LX | RISC-based Industrial Ready-to-Run Embedded Computer with 4 Serial Ports, 4 DI Channels, 4 DO Channels, Dual Ethernet, PCMCIA, SD, Linux OS, US and Euro Plug |
| ThinkCore IA241-T-LX | RISC-based Industrial Ready-to-Run Embedded Computer with 4 Serial Ports, 4 DI Channels, 4 DO Channels, Dual Ethernet, PCMCIA, SD, Linux OS, Wide Temperature, US and Euro Plug |
| ThinkCore IA241-LX (UK Plug) | RISC-based Industrial Ready-to-Run Embedded Computer with 4 Serial Ports, 4 DI Channels, 4 DO Channels, Dual Ethernet, PCMCIA, SD, Linux OS, UK Plug |
| ThinkCore IA241-T-LX (UK Plug) | RISC-based Industrial Ready-to-Run Embedded Computer with 4 Serial Ports, 4 DI Channels, 4 DO Channels, Dual Ethernet, PCMCIA, SD, Linux OS, Wide Temperature, UK Plug |

### ThinkCore IA241

| | |
|---|---|
| ThinkCore IA241-LX (SAA Plug) | RISC-based Industrial Ready-to-Run Embedded Computer with 4 Serial Ports, 4 DI Channels, 4 DO Channels, Dual Ethernet, PCMCIA, SD, Linux OS, Australia Plug |
| ThinkCore IA241-T-LX (SAA Plug) | RISC-based Industrial Ready-to-Run Embedded Computer with 4 Serial Ports, 4 DI Channels, 4 DO Channels, Dual Ethernet, PCMCIA, SD, Linux OS, Wide Temperature, Australia Plug |

所有产品均含：
ThinkCore IA241 x 1 / 快速安装指南 / 使用手册和软件安装光盘 / 壁挂式安装配件 / 线缆 / 电源适配器

## ThinkCore IA240

| | |
|---|---|
| ThinkCore IA240-LX | RISC-based Industrial Ready-to-Run Embedded Computer with 4 Serial Ports, 4 DI Channels, 4 DO Channels, Dual Ethernet, SD, Linux OS, US and Euro Plug |
| ThinkCore IA240-T-LX | RISC-based Industrial Ready-to-Run Embedded Computer with 4 Serial Ports, 4 DI Channels, 4 DO Channels, Dual Ethernet, SD, Linux OS, Wide Temperature, US and Euro Plug |
| ThinkCore IA240-LX (UK Plug) | RISC-based Industrial Ready-to-Run Embedded Computer with 4 Serial Ports, 4 DI Channels, 4 DO Channels, Dual Ethernet, SD, Linux OS, UK Plug |
| ThinkCore IA240-T-LX (UK Plug) | RISC-based Industrial Ready-to-Run Embedded Computer with 4 Serial Ports, 4 DI Channels, 4 DO Channels, Dual Ethernet, SD, Linux OS, Wide Temperature, UK Plug |
| ThinkCore IA240-LX (SAA Plug) | RISC-based Industrial Ready-to-Run Embedded Computer with 4 Serial Ports, 4 DI Channels, 4 DO Channels, Dual Ethernet, SD, Linux OS, Australia Plug |
| ThinkCore IA240-T-LX (SAA Plug) | RISC-based Industrial Ready-to-Run Embedded Computer with 4 Serial Ports, 4 DI Channels, 4 DO Channels, Dual Ethernet, SD, Linux OS, Wide Temperature, Australia Plug |

所有产品均含：
ThinkCore IA240 x 1 / 快速安装指南 / 使用手册和软件安装光盘 / 壁挂式安装配件 / 线缆 / 电源适配器

## ThinkCore DA-660

| | |
|---|---|
| ThinkCore DA-660-16-LX (US Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 16 Serial Ports, Dual Ethernet, Linux OS, US Plug |
| ThinkCore DA-660-16-CE (US Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 16 Serial Ports, Dual Ethernet, WinCE 5.0, US Plug |
| ThinkCore DA-660-16-LX (UK Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 16 Serial Ports, Dual Ethernet, Linux OS, UK Plug |
| ThinkCore DA-660-16-CE (UK Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 16 Serial Ports, Dual Ethernet, WinCE 5.0, UK Plug |
| ThinkCore DA-660-16-LX (Euro Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 16 Serial Ports, Dual Ethernet, Linux OS, Euro Plug |
| ThinkCore DA-660-16-CE (Euro Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 16 Serial Ports, Dual Ethernet, WinCE 5.0, Euro Plug |
| ThinkCore DA-660-16-LX (SAA Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 16 Serial Ports, Dual Ethernet, Linux OS, Australia Plug |
| ThinkCore DA-660-16-CE (SAA Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 16 Serial Ports, Dual Ethernet, WinCE 5.0, Australia Plug |
| ThinkCore DA-660-16-LX (JP Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 16 Serial Ports, Dual Ethernet, Linux OS, JP Plug |
| ThinkCore DA-660-16-CE (JP Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 16 Serial Ports, Dual Ethernet, WinCE 5.0, JP Plug |
| ThinkCore DA-660-8-LX (US Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 8 Serial Ports, Dual Ethernet, Linux OS, US Plug |
| ThinkCore DA-660-8-CE (US Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 8 Serial Ports, Dual Ethernet, WinCE 5.0, US Plug |
| ThinkCore DA-660-8-LX (UK Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 8 Serial Ports, Dual Ethernet, Linux OS, UK Plug |
| ThinkCore DA-660-8-CE (UK Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 8 Serial Ports, Dual Ethernet, WinCE 5.0, UK Plug |
| ThinkCore DA-660-8-LX (Euro Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 8 Serial Ports, Dual Ethernet, Linux OS, Euro Plug |
| ThinkCore DA-660-8-CE (Euro Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 8 Serial Ports, Dual Ethernet, WinCE 5.0, Euro Plug |
| ThinkCore DA-660-8-LX (SAA Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 8 Serial Ports, Dual Ethernet, Linux OS, Australia Plug |
| ThinkCore DA-660-8-CE (SAA Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 8 Serial Ports, Dual Ethernet, WinCE 5.0, Australia Plug |
| ThinkCore DA-660-8-LX (JP Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 8 Serial Ports, Dual Ethernet, Linux OS, JP Plug |
| ThinkCore DA-660-8-CE (JP Plug) | RISC-based 19-inch Rack-mounted Data Acquisition Computer with 8 Serial Ports, Dual Ethernet, WinCE 5.0, JP Plug |

所有产品均含：
ThinkCore DA-660 x 1 / 快速安装指南 / 使用手册和软件安装光盘 / 壁挂式安装配件 / 线缆 / 电源线

## 可选配件

| Adaptors | | UC-7400 | UC-7112 / UC-7110 | IA241 / IA240 | DA-660 |
|---|---|---|---|---|---|
| 1117000020301 | Desktop Adaptor 2-pin, 15W<br>Input Rating: 100-240 VAC<br>Output Rating: 1.25A@12 VDC | • | • | • | • |
| Power Cords | | | | | |
| 1705000000100 | Power Cord, 10A, 250V, 1.8M, Euro Plug | -- | -- | -- | • |
| 1705000000200 | Power Cord, 10A, 110V, 1.8M, US Plug | -- | -- | -- | • |
| 1705000000500 | Power Cord, 5A, 250V, 1.8M, UK Plug | --- | --- | --- | • |
| 1705000001000 | Power Cord, 10A, 250V, 1.8M SAA BLACK | --- | --- | --- | • |
| 1705000001200 | Power Cord, 7A, 125V, 1.8M, JP Plug | --- | --- | --- | • |
| 9199000000500 | Power Cord Australia Plug | • | • | • | --- |
| 9199000000600 | Power Cord UK Plug | • | • | • | --- |
| 9199000000700 | Power Cord Euro Plug | • | • | • | --- |
| 9199000000800 | Power Cord USA Straight Plug | • | • | • | --- |
| 9199000000900 | Power Jack to TB Power Cable | • | • | • | --- |
| Mounting Kits | | | | | |
| DK-35A | Din-Rail Mounting Kit, 35 mm | --- | • | --- | --- |
| 1601074009000 | Din-Rail Mounting Kit for UC-7400 | • | --- | --- | --- |
| 1601074005100 | Wall Mounting Kit for UC-7400 | • | --- | --- | --- |
| 1601025046000 | L-type Rack-Mount Ear | --- | --- | --- | • |
| Cables | | | | | |
| 1701000001500 | UC-7110 console cable, DB9/F-Housing 4-pin | --- | • | --- | --- |
| 1701000003601 | Ethernet cross-over cable, RJ45-to-RJ45, 100 cm | • | • | • | • |
| 9199000000100 | CBL-RJ45M9-150, 8-pin RJ45 to male DB9 cable, 150 cm | • | --- | • | • |
| 9199000000200 | CBL-RJ45F9-150, 8-pin RJ45 to female DB9 cable, 150 cm | • | --- | • | • |

## 工业级视频服务器

### VPort系列

| | |
|---|---|
| VPort 3310 | 1-ch Industrial MPEG4 Video Server with 24 VDC power input, 0 to 60°C |
| VPort 3310-T | 1-ch Industrial MPEG4 Video Server with 24 VDC power input, -40 to 75°C |
| VPort 2310 | 1-ch MPEG4 Video Server with 100-240V power adaptor (12 VDC, 1.5A, or 12 VDC, 1.25A for UK plug) |
| VPort 2140 | 4-ch MJPEG Video Server with 100-240V power adaptor (12 VDC, 1.5A, or 12 VDC, 1.25A for UK plug) |
| VPort 2110 | 1-ch MJPEG Video Server with 100-240V power adaptor (12 VDC, 1.5A, or 12 VDC, 1.25A for UK plug) |

所有产品均含：
VPort 3310：VPort 3310 x 1 / 快速安装指南 / 用户使用说明手册监视软件 / SoftDVR Lite软件 / I/O终端端子
VPort 2310：VPort 2310 x 1 / 快速安装指南 / 用户使用说明手册监视软件 / SoftDVR Lite软件 / I/O终端端子 / 电源适配器 / PTZ摄像头控制线缆
VPort 2140：VPort2140 x 1 / 快速安装指南 / 用户使用说明手册监视软件 / SoftDVR Lite软件 / I/O终端端子 / 电源适配器 / PTZ摄像头控制线缆 / 空Modem线缆
VPort 2110：VPort 2110 x 1 / 快速安装指南 / 用户使用说明手册监视软件 / SoftDVR Lite软件 / I/O终端端子 / 电源适配器 / PTZ摄像头控制线缆 / 空Modem线缆

**可选配件**

| DIN-Rail Power Supplies | | VPort 3310 | VPort 2310 | VPort 2140 | VPort 2110 |
|---|---|---|---|---|---|
| DR-4524 | 45W/2A, 24 VDC, with universal 85 to 264 VAC input | • | --- | --- | --- |
| DR-75-24 | 75W/3.2A, 24 VDC, with universal 85 to 264 VAC input | • | --- | --- | --- |
| DR-120-24 | 120W/5A, 24 VDC, with 88 to 132 VAC/176 to 264 VAC input by switch | • | --- | --- | --- |
| Mounting Kits | | | | | |
| WK-46 | Wall Mounting Kit | • | --- | --- | --- |
| DK-35A | DIN-Rail Mounting Kit (35 mm) | --- | • | --- | • |
| IP Surveillance Software | | | | | |
| SoftDVRTM Pro | CD with SoftDVR™ Pro software and User's Manual | • | • | • | • |

## 转换器

### USB转串口适配器

#### UPort 1100系列

| | |
|---|---|
| NPort UI110 | 1-port RS-232 USB-to-Serial Adaptor |
| UPort 1130 | 1-port RS-422/485 USB-to-Serial Adaptor |

所有产品均含：
USB转串口集线器 x 1 / 快速安装指南 / 使用手册和软件安装光盘

#### UPort 1410

| | |
|---|---|
| UPort 1410-US | 4-port RS-232 USB-to-Serial Hub, 110 VAC, US Plug |
| UPort 1410-EU | 4-port RS-232 USB-to-Serial Hub, 230 VAC, Euro Plug |
| UPort 1410-UK | 4-port RS-232 USB-to-Serial Hub, 240 VAC, UK Plug |
| UPort 1410-JP | 4-port RS-232 USB-to-Serial Hub, 100 VAC, US Plug |
| UPort 1410-SAA | 4-port RS-232 USB-to-Serial Hub, 240 VAC, Australia Plug |
| UPort 1410-CN | 4-port RS-232 USB-to-Serial Hub, 240 VAC, US Plug |

所有产品均含：
UPort 1410 x 1/ 快速安装指南 / 使用手册和软件安装光盘 / 电源适配器

#### UPort 1450

| | |
|---|---|
| UPort 1450-US | 4-port RS-232/422/485 USB-to-Serial Hub, 110 VAC, US Plug |
| UPort 1450-EU | 4-port RS-232/422/485 USB-to-Serial Hub, 230 VAC, Euro Plug |
| UPort 1450-UK | 4-port RS-232/422/485 USB-to-Serial Hub, 240 VAC, UK Plug |
| UPort 1450-JP | 4-port RS-232/422/485 USB-to-Serial Hub, 100 VAC, US Plug |
| UPort 1450-SAA | 4-port RS-232/422/485 USB-to-Serial Hub, 240 VAC, Australia Plug |
| UPort 1450-CN | 4-port RS-232/422/485 USB-to-Serial Hub, 240 VAC, US Plug |

所有产品均含：
UPort 1450 x 1/ 快速安装指南 / 使用手册和软件安装光盘 / 电源适配器

#### UPort 1610

| | |
|---|---|
| UPort 1610-8 | 8-port RS-232 USB-to-Serial Hub, 100-240 VAC input |
| UPort 1610-16 | 16-port RS-232 USB-to-Serial Hub, 100-240 VAC input |

所有产品均含：
UPort 1610 x 1/ 快速安装指南 / 使用手册和软件安装光盘 / 电源线

#### UPort 1650

| | |
|---|---|
| UPort 1650-8-US | 8-port RS-232/422/485 USB-to-Serial Hub, 100-240 VAC input |
| UPort 1650-16 | 16-port RS-232/422/485 USB-to-Serial Hub, 100-240 VAC input |

所有产品均含：
UPort 1650 x 1/ 快速安装指南 / 使用手册和软件安装光盘 / 电源线

### UPort 1400/1600可选配件

| Adaptors | | UPort 1410<br>UPort 1450 | UPort 1610-8<br>UPort 1650-8 | UPort 1610-16<br>UPort 1650-16 |
|---|---|---|---|---|
| 11170000253<br>Plug Type: US | Input Rating : 120 VAC, 60 Hz<br>Output Rating : 400 mA @ 12 VDC | • | --- | --- |
| 11170000255<br>Plug Type: Euro | Input Rating : 230 VAC, 50 Hz<br>Output Rating : 400 mA @ 12 VDC | • | --- | --- |
| 11170000256<br>Plug Type: UK | Input Rating : 230 VAC, 50 Hz<br>Output Rating : 400 mA @ 12 VDC | • | --- | --- |
| 11170000227<br>Plug Type: Japan | Input Rating : 100 to 240 VAC, 50/60 Hz<br>Output Rating : 1200 mA @ 12 VDC | • | • | --- |
| 11170000251<br>Plug Type: US | Input Rating : 120 VAC, 60 Hz<br>Output Rating : 1200 mA @ 12 VDC | --- | • | --- |
| 11170000252<br>Plug Type: Euro | Input Rating : 230 VAC, 50 Hz<br>Output Rating : 1200 mA @ 12 VDC | --- | • | --- |
| 11170000254<br>Plug Type: UK | Input Rating : 230 VAC, 60 Hz<br>Output Rating : 1200 mA @ 12 VDC | --- | • | --- |
| Power Cord | | | | |
| 17050000001<br>Euro plug (230V) | Thickness: 6.8 mm / Max Current: 16A<br>Length: 1830 mm | --- | --- | • |
| 17050000002<br>US plug (110V) | Thickness: 6.8 mm / Max Current: 10A<br>Length: 1830 mm | --- | --- | • |
| 17050000005<br>UK plug (230V) | Thickness: 6.8 mm / Max Current: 10A<br>Length: 1830 mm | --- | --- | • |
| 17050000006<br>Japan plug (100V) | Thickness: 7.0 mm / Max Current: 7A<br>Length: 1890 mm | --- | --- | • |

## 转换器

### RS-232转RS-422/485转换器

| | |
|---|---|
| TCC-100I | Isolated DIN-Rail mountable RS-232 to RS-422/485 Converter |
| TCC-100 | DIN-Rail mountable RS-232 to RS-422/485 Converter |
| TCC-80 | Serial Port Powered RS-232 to RS-422/485 Converter (Apr. 2006) |
| TCC-80I | High-Speed Isolated Serial Port Powered RS-232 to RS-422/485 Converter |
| A53 | Isolated RS-232 to RS-422/485 Converter |
| A53 (CN20070/DB9) | Isolated RS-232 to RS-422/485 Converter, w/ 10-pin RJ45 to DB9 female 150 cm cable |
| A53 (CN20030/DB25) | Isolated RS-232 to RS-422/485 Converter, w/ 10-pin RJ45 to DB25 female 150 cm cable |
| A53/110V (CN20070/DB9) | Isolated RS-232 to RS-422/485 Converter, w/ 10-pin RJ45 to DB9 female 150 cm cable, 110 VAC US Plug |
| A53/110V (CN20030/DB25) | Isolated RS-232 to RS-422/485 Converter, w/ 10-pin RJ45 to DB25 female 150 cm cable, 110 VAC US Plug |
| A53/230V (CN20070/DB9) | Isolated RS-232 to RS-422/485 Converter, w/ 10-pin RJ45 to DB9 female 150 cm cable, 230 VAC Euro Plug |
| A53/230V (CN20030/DB25) | Isolated RS-232 to RS-422/485 Converter, w/ 10-pin RJ45 to DB25 female 150 cm cable, 230 VAC Euro Plug |
| A53/230V (UK) (CN20070/DB9) | Isolated RS-232 to RS-422/485 Converter, w/ 10-pin RJ45 to DB9 female 150 cm cable, 230 VAC UK Plug |
| A53/230V (UK) (CN20030/DB25) | Isolated RS-232 to RS-422/485 Converter, w/ 10-pin RJ45 to DB25 female 150 cm cable, 230 VAC UK Plug |
| A52 | RS-232 to RS-422/485 Converter |
| A52 (CN20070/DB9) | RS-232 to RS-422/485 Converter, w/ 10-pin RJ45 to DB9 female 150 cm cable |
| A52 (CN20030/DB25) | RS-232 to RS-422/485 Converter, w/ 10-pin RJ45 to DB25 female 150 cm cable |
| A52/110V (CN20070/DB9) | RS-232 to RS-422/485 Converter, w/ 10-pin RJ45 to DB9 female 150 cm cable, 110 VAC US Plug |
| A52/110V (CN20030/DB25) | RS-232 to RS-422/485 Converter, w/ 10-pin RJ45 to DB25 female 150 cm cable, 110 VAC US Plug |
| A52/230V (CN20070/DB9) | RS-232 to RS-422/485 Converter, w/ 10-pin RJ45 to DB9 female 150 cm cable, 230 VAC Euro Plug |
| A52/230V (CN20030/DB25) | RS-232 to RS-422/485 Converter, w/ 10-pin RJ45 to DB25 female 150 cm cable, 230 VAC Euro Plug |
| A52/230V (UK) (CN20070/DB9) | RS-232 to RS-422/485 Converter, w/ 10-pin RJ45 to DB9 female 150 cm cable, 230 VAC UK Plug |
| A52/230V (UK) (CN20030/DB25) | RS-232 to RS-422/485 Converter, w/ 10-pin RJ45 to DB25 female 150 cm cable, 230 VAC UK Plug |

### RS-232隔离器

| | |
|---|---|
| TCC-82 | Serial Port Powered RS-232 Isolater (Apr. 2006) |

### RS-422/485中继器

| | |
|---|---|
| TCC-120I | Isolated DIN-Rail mountable RS-422/485 Repeater |
| TCC-120 | DIN-Rail mountable RS-422/485 Repeater |

### RS-232/422/485转光纤转换器

| | |
|---|---|
| TCF-90 | Long-Range Serial Port Powered RS-232 to Fiber Optic Converter |
| TCF-142-M | DIN-Rail mountable RS-232/422/485 to ST Fiber Multi mode Optic Converter |
| TCF-142-M-T | Extended Temperature Model: DIN-Rail mountable RS-232/422/485 to ST Fiber Multi mode Optic Converter, -40 to 75˚C |
| TCF-142-S | DIN-Rail mountable RS-232/422/485 to ST Fiber Single mode Optic Converter |
| TCF-142-S-T | Extended Temperature Model: DIN-Rail mountable RS-232/422/485 to ST Fiber Single mode Optic Converter, -40-75˚C |

### 可选配件

| Optical Fiber Patch Cords | |
|---|---|
| PA-MM(62.5)-SCSC-1M | Optical Fiber Patch cord, full duplex Multi Mode 62.5 micron, SC to SC connector, 1 meter (Mar. 2006) |
| PA-MM(62.5)-SCSC-3M | Optical Fiber Patch cord, full duplex Multi Mode 62.5 micron, SC to SC connector, 3 meters (Mar. 2006) |
| PA-MM(62.5)-SCSC-5M | Optical Fiber Patch cord, full duplex Multi Mode 62.5 micron, SC to SC connector, 5 meters (Mar. 2006) |
| PA-MM(62.5)-SCSC-10M | Optical Fiber Patch cord, full duplex Multi Mode 62.5 micron, SC to SC connector, 10 meters (Mar. 2006) |
| PA-MM(62.5)-STST-1M | Optical Fiber Patch cord, full duplex Multi Mode 62.5 micron, ST to ST connector, 1 meters (Mar. 2006) |
| PA-MM(62.5)-STST-3M | Optical Fiber Patch cord, full duplex Multi Mode 62.5 micron, ST to ST connector, 3 meters (Mar. 2006) |
| PA-MM(62.5)-STST-5M | Optical Fiber Patch cord, full duplex Multi Mode 62.5 micron, ST to ST connector, 5 meters (Mar. 2006) |
| PA-MM(62.5)-STST-10M | Optical Fiber Patch cord, full duplex Multi Mode 62.5 micron, ST to ST connector, 10 meters (Mar. 2006) |
| PA-MM(62.5)-SCST-1M | Optical Fiber Patch cord, full duplex Multi Mode 62.5 micron, SC to ST connector, 1 meters (Mar. 2006) |
| PA-MM(62.5)-SCST-3M | Optical Fiber Patch cord, full duplex Multi Mode 62.5 micron, SC to ST connector, 3 meters (Mar. 2006) |
| PA-MM(62.5)-SCST-5M | Optical Fiber Patch cord, full duplex Multi Mode 62.5 micron, SC to ST connector, 5 meters (Mar. 2006) |
| PA-MM(62.5)-SCST-10M | Optical Fiber Patch cord, full duplex Multi Mode 62.5 micron, SC to ST connector, 10 meters (Mar. 2006) |

## 工业级光电转换器

### IMC-101系列

| | |
|---|---|
| IMC-101-M-SC | Industrial 10/100BaseT(X) to 100BaseFX media converter, multi mode, SC fiber connector, 0 to 60˚C |
| IMC-101-M-ST | Industrial 10/100BaseT(X ) to 100BaseFX media converter, multi mode, ST fiber connector, 0 to 60˚C |
| IMC-101-S-SC | Industrial 10/100BaseT(X) to 100BaseFX media converter, single mode, SC fiber connector, 0 to 60˚C |
| IMC-101-S-SC-80 | Industrial 10/100BaseT(X) to 100BaseFX media converter, long-haul (80 km) single mode, SC fiber connector, 0 to 60˚C |
| IMC-101-M-SC-T | Industrial 10/100BaseT(X) to 100BaseFX media converter, multi mode, SC fiber connector, -40 to 75˚C |
| IMC-101-M-ST-T | Industrial 10/100BaseT(X ) to 100BaseFX media converter, multi mode, ST fiber connector, -40 to 75˚C |
| IMC-101-S-SC-T | Industrial 10/100BaseT(X) to 100BaseFX media converter, single mode, SC fiber connector, -40 to 75˚C |
| IMC-101-S-SC-80-T | Industrial 10/100BaseT(X) to 100BaseFX media converter, long-haul (80 km) single mode, SC fiber connector, -40 to 75˚C |

### IMC-21系列

| | |
|---|---|
| IMC-21-M-SC | Entry-level Industrial 10/100BaseT(X) to 100BaseFX media converter, multi mode, SC connector, -10 to 60˚C |
| IMC-21-M-ST | Entry-level Industrial 10/100BaseT(X) to 100BaseFX media converter, multi mode, ST connector, -10 to 60˚C |
| IMC-21-S-SC | Entry-level Industrial 10/100BaseT(X) to 100BaseFX media converter, single mode, SC connector, -10 to 60˚C |
| IMC-21-M-ST-FL | Entry-level Industrial 10BaseT to 10BaseFL media converter, multi mode, ST connector, -10 to 60˚C |

### 可选配件

| DIN-Rail Power Supplies | | IMC-101 | IMC-21 |
|---|---|---|---|
| DR-4524 | 45W/2A, 24 VDC, with universal 85 to 264 VAC input | • | • |
| DR-75-24 | 75W/3.2A, 24 VDC, with universal 85 to 264 VAC input | • | • |
| DR-120-24 | 120W/5A, 24 VDC, with 88 to 132 VAC/176 to 264 VAC input by switch | • | • |
| Mounting Kit | | | |
| WK-46 | Wall Mounting Kit | • | --- |

MOXA

## China


上海Moxa
Tel: +86-21-5298-8618/45
Fax: +86-21-5298-8643
www.moxa.com.cn
info@moxa.com.cn

北京Moxa
Tel:+86-10-6872-3959/60/61
Fax:+86-10-6872-3958
www.moxa.com.cn
info@moxa.com.cn

深圳Moxa
Tel:+86-755-8368-4084/94
Fax:+86-755-8368-4148
www.moxa.com.cn
info@moxa.com.cn

免费技术服务热线：800-820-5036


## Taiwan


Moxa Networking Co.,Ltd.
Tel: +886-2-2910-1230
Fax: +886-2-2910-1231
www.moxa.com.tw
info@moxanet.com


## USA


Moxa Technologies, Inc.
Toll-free: 1-888-MOXA-USA
(1-888-669-2872)
Tel: +1-714-528-6777
Fax: +1-714-528-6778
www.moxaUSA.com.tw
info@moxaUSA.com



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