

Quick Start Guide

感谢您选用光洋EA7E系列工业触摸屏，在您使用此产品之前，请先阅读本随机说明。如您在
使用此产品时有任何的问题，请联系我们！
Thank you for purchasing our EA7E series Touch Panel. Please read this Quick Start Guide carefully
before applying the product. If you need any help when you use the product, please consult us.

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KEW-M9213B

安全情报 (Safety Information)

- 请在电源断开的情况下连接电源线，否则有可能损坏触摸屏或导致人身伤害。
- 请不要把触摸屏作为与人的安全或重大伤害有关的开关来使用。（如紧急安全开关等）
- 保护接地端子务必请按第D种方法接地，否则有产生电击的可能。
- 请在规定的环境范围（温度、湿度、振动、冲击等）内存放、使用触摸屏。
- 请不要在有可燃性、爆炸性气体或蒸汽的场所使用触摸屏。
- 请不要自己分解、改造触摸屏，否则有可能引起故障和其它的问题。
- 不要用硬的东西或螺丝刀的尖头等锋利的东西去敲打触摸屏，以免造成触摸屏的损坏或人身的伤害。
- Please connect the power wires when the power is OFF. Otherwise the Touch Panel damage or personal injury may be caused.
- Do not use the Touch Panel to make switches that are related to safety of people or major damages (emergency safety switches, etc).
- Be sure that class D grounding is used for the protective grounding terminal. There is a possibility of electrical shock if the Touch Panel is not grounded.
- Use and store the Touch Panel in the environment described in the specifications (regarding temperature, humidity, vibrations, shock, etc).
- Do not use the Touch Panel where it is subjected to flammable or explosive gases, or stream.
- Do not disassemble or modify the Touch Panel. Doing so can cause malfunctions and lead to other problems.
- Do not press on the Touch Panel with screwdrivers or other sharp objects and do not strike it with hard objects. Doing so can damage the Touch Panel or cause malfunctions.

规格认证 (Agency Approval)

本触摸屏已取得CE认证，请参考产品上的标签。请浏览本公司网站以获得最新的情报。

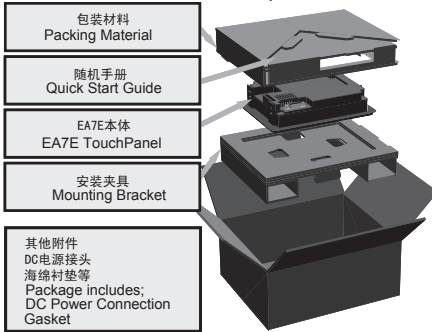
The Touch Panel conforms to CE. Please refer to the product label. Refer to our web site for the latest information.

1 开箱确认 (Unpack and Inspect)

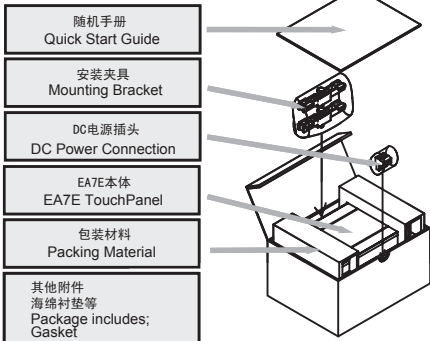
请确认包装纸箱中有下图所示的物品。
如果有任何的缺少或损坏，请与您的供货商联系。

Please make sure that all insertions shown in the picture are included in the carton. If any item is missing or damaged, please contact the store you purchased.

4. 3寸以外的型号 (Except 4.3" Model)



4. 3寸型号 (4.3" Model)



2 选购件安装 (Install Optional Accessories)

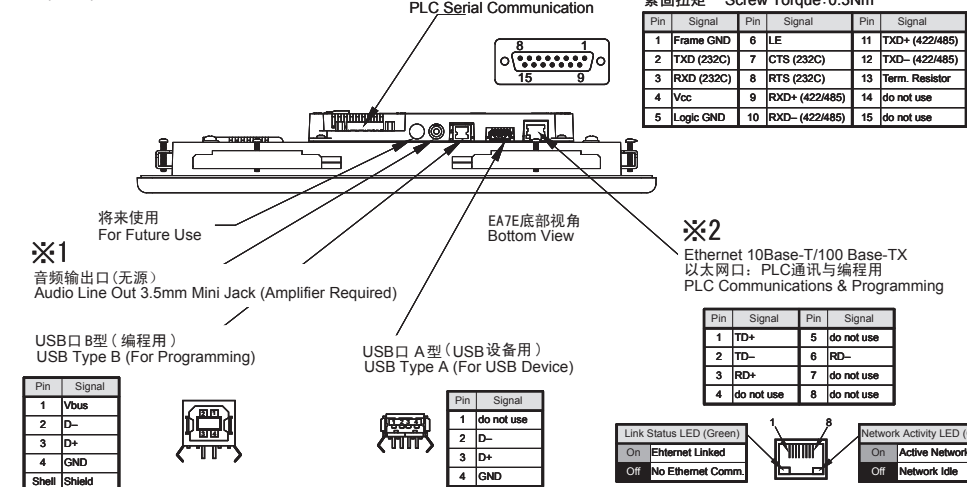
选件的安装。详细内容请参照各自的手册资料。
你可以在选件包中找到手册资料，或者可以去我们的网站上下载手册资料。

Install Optional Accessories. Please refer to each Manual for the details. The Manuals can be downloaded from our Web Site.

注：EA-AC电源模块不适用于4.3寸屏。（EA-AC does not adapt to 4.3" Model.）

3 通讯口确认 (Communication Ports)

注：图例为10.2" 及7.0" 屏的外观，与4.3" 屏有所不同。
The ports' position of 4.3" Model is different.

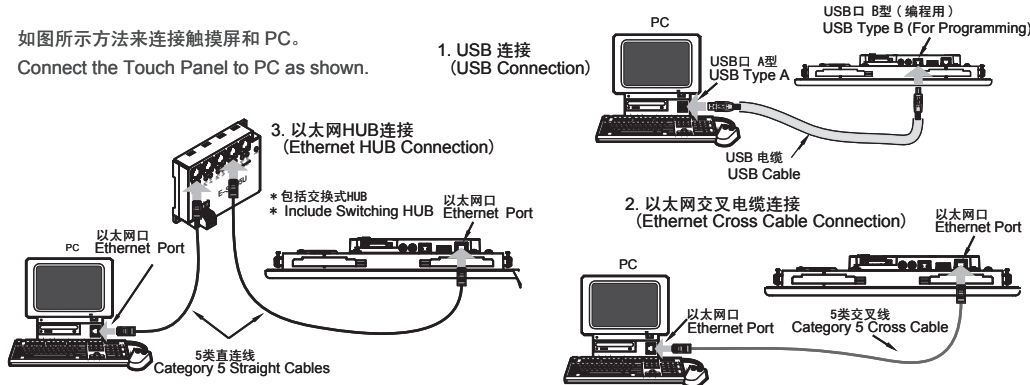


- ※1：EA7E-TW10CL-RC/RCW EA7E-TW7CL-RC/RCW 和 EA7E-TW4CL-C/CW 上没有该接口。
- ※1：Device is not available on EA7E-TW10CL-RC/RCW、EA7E-TW7CL-RC/RCW and EA7E-TW4CL-C/CW.
- ※2：EA7E-TW10CL-RC/RCW EA7E-TW7CL-RC/RCW 上没有该接口。
- ※2：Device is not available on EA7E-TW10CL-RC/RCW and EA7E-TW7CL-RC/RCW.

4 PC 与 EA7E 的连接 (Connect Touch Panel to PC)

如图所示方法来连接触摸屏和PC。

Connect the Touch Panel to PC as shown.



5 触摸屏上电 (Provide Power to the Touch Panel)

本触摸屏有DC24V和AC2种供电方法。当使用AC供电时，需要另外选购电源选件（EA-AC）。

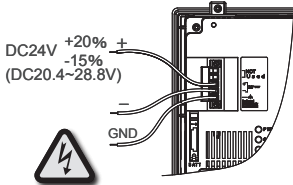
- 按图1所示连接DC24V电源（4.3寸屏可连接DC12~24V电源）。
- 按图2所示，通过EA-AC选件连接AC100~240V电源。（4.3寸屏不支持）

Use DC24V or AC for power source. EA-AC (Option) is required for AC power.

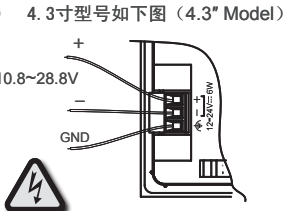
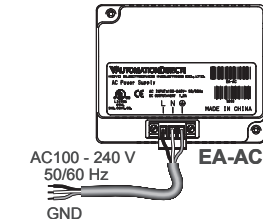
- Connect a DC24V power supply (4.3" Model: DC12~24V) as shown in figure 1). DC wiring.
- Connect EA-AC as shown in figure 2). AC wiring. (Except 4.3" Model)

1). DC接入(DC Wiring)

4. 3寸以外的型号如下图 (Except 4.3" Model)



2). AC接入(AC Wiring)



- 电缆要求：单芯线0.2~2.5mm²、多股线0.2~2.5mm²、AWG24~12
- 端子端子紧固扭矩：0.5~0.6Nm
- 端子台法兰紧固扭矩：0.4~0.5Nm ※1
- ※1 4.3"屏无端子台法兰

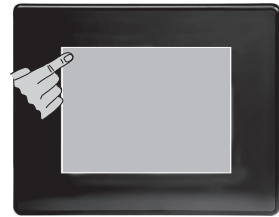
- Wire range: Solid: 0.2~2.5mm², Stranded: 0.2~2.5mm, AWG: 24~12
- Screw Torque (terminal): Connecting Screw: 0.5~0.6Nm, Screw for flange: 0.4~0.5Nm ※1
- ※1 No flange for 4.3" Model

EA7E 状态指示 LED (EA7E Status LED)

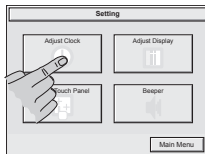
CPU Status LED (Green, Orange & Red)	
Off	Power off
Green	Normal-CPU Run State
Red	System not found
Orange	Low Power

Power LED (Green)	
On	Power On
Off	Power Off
Serial Tx/Rx (Green)	
On	Comm. is active
Off	No communication

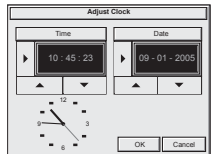
6 如何设定时间 (The time set of a clock)



按“System Setup”键
Press “System Setup”



按“Clock Setup”键
Press “Clock Setup”

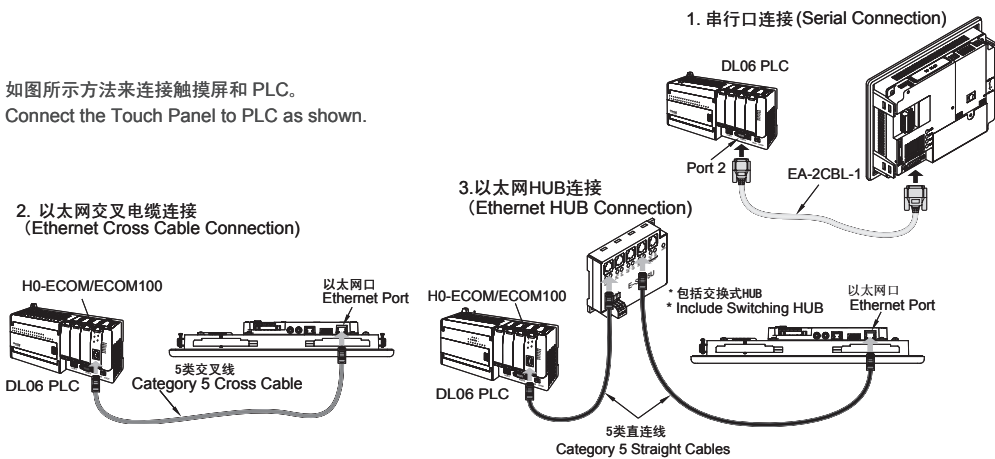


调整触摸屏内部时钟
Adjust the internal clock

7 PLC 与 EA7E 的连接 (Connect Touch Panel to PLC)

如图所示方法来连接触摸屏和PLC。

Connect the Touch Panel to PLC as shown.



8 作图软件的安装、使用和传送 (Install the Software, Develop and Transfer)

点击或双击下载的安装文件。根据提示信息安装 KEW EA7E 作图软件。
启动安装好的KEW EA7E 作图软件,通过 “开始>模拟>传送” 这简单的三步,
您就可以开始制作您的用户画面了。

Clicking or double-clicking the Installer downloaded.
Install KEW EA7E programming software in accordance to the message of an installer.
Then start up KEW EA7E programming software.
Your system can be easily started up at three steps, “Start” > “Simulate” > “Send” .