



Quotation Guide

ORiNOCO® Wi-Fi Products

Q2 2018 v1

ORiNOCOTM by
Proxim
wireless

- Indoor and Outdoor Wi-Fi for multiple verticals
 - Enterprise
 - Healthcare
 - Schools and Universities
 - Hospitality
 - Small cell backhaul with data offload
 - ITS Networking

- Click [here for recorded webinar](#) covering the Orinoco series featuring the AP 9100 (dual radio AC)

Orinoco AP-9100R

➤ Click below for recorded webinar on Orinoco outdoor series

➤ https://proxim.adobeconnect.com/_a840578092/p4xzmb9o0l6/?launcher=false&fcsContent=true&pbMode=normal

ProximVision™ Advanced

➤ WLAN Controller

➤ Click below for recorded webinar on ProximVision™ Advanced

➤ <http://bit.ly/2vPoCjE>

Features

- ✧ MIMO 3x3:3, 802.11 ac dual radio Access Point
- ✧ Support for 2.4 GHz, 5.150 – 5.850 GHz frequency bands
- ✧ Delivers 1750 Mbps aggregate data rate
- ✧ Aggregate throughput 900 Mbps
- ✧ 24.8 dBm triple-chain aggregate Tx power
- ✧ Enhanced security with AES encryption (802.11i and radius)
- ✧ Enables quadruple play applications with low latency
- ✧ Plenum rated (Bayer FR3020)
- ✧ 802.3af/at compliant
- ✧ Small form factor (170x 170 x 44.1 mm)
- ✧ One Gigabit Ethernet Port
- ✧ 802.3af PoE or 12 VDC power brick
- ✧ No central controller costs
- ✧ Can be managed with ProximVision™ Advanced software

Included in the Kit

- ✧ One ORiNOCO® AP-9100 unit
- ✧ One Wall/Ceiling mounting kit
- ✧ One power adapter
- ✧ One Quick Installation Guide



Service options available:

ServPak : level 1 (Plus or Prime)

Features

- ✧ 91x0B unit with MIMO 2x2:2, 802.11 g/n radio
 - Wifi Data rate 300 Mbps
- ✧ 91x0A and 91x0B units with MIMO 2x2:2 backhaul
 - Backhaul Data rate 867 Mbps / Frequencies: 4.9-5.925GHz
- ✧ IP67 weather proofed enclosure
- ✧ WOPR® protocol / FastConnect™ / ClearConnect™
- ✧ Dual Gigabit Ethernet port with PoE in and out (SW controlled)
- ✧ Jumbo Frame support (9k Bytes)
- ✧ Ethernet sync (IEEE 1588v2)
- ✧ MTBF 250000 hours / 2 years warranty



Included in the Kit

- ✧ One ORiNOCO® QB-9100 link with two (9100A) / four (9100B) N-type surge protected connectors Or One ORiNOCO® QB-9150 link with integrated 22 dBi panel antenna (9150A & 9150B) plus Two N-type surge protected connectors (9150B only)
- ✧ Grounding kit/Two Connector weatherproofing kits
- ✧ Two 2.4 GHz, 4 dBi omni antennas (Wifi)
- ✧ One Antenna alignment (RJ11) dongle
- ✧ Two power injector and country specific power cord
- ✧ One Quick Installation Guide
- ✧ Two Full axis Wall / Pole mounting kits

Recommended Accessories

- ✧ Antenna and cables (4* CBL-600-6-RA) for QB9100 version (see latest monthly Proxim price list for antenna options)
- ✧ 4x Surge arrestor POE (ETH-SURGE-1G)
- ✧ Ethernet cables Cat5-e STP 25, 50 or 75 m (ETH-STP-25-CAP, ETH-STP-50-CAP, ETH-STP-75-CAP).
- ✧ ServPak : level 2 (Plus or Prime)

Features

- ✧ Dual radio MIMO 2x2:2 - 2.4 and 5.15-5.85 GHz
 - ✧ In 2.4 GHz Tx power 26 dBm with 300 Mbps Data rate
 - ✧ In 5GHz Tx power 28 dBm with 866 Mbps Data rate
- ✧ IP67 weather proofed enclosure
- ✧ Dual Gigabit Ethernet port with PoE in and out (SW controlled)
- ✧ Jumbo Frame support (9k Bytes)
- ✧ Ethernet sync (IEEE 1588v2)
- ✧ MTBF 250000 hours / Special 2 years warranty

Included in the Kit

- ✧ One ORiNOCO® AP-9100R with four N-type surge protected connectors
- ✧ One power injector and country specific power cord
- ✧ Two 2.4 GHz, 5 dBi omni antennas
- ✧ Two 5 GHz, 7 dBi omni antennas
- ✧ One Full axis Wall / Pole mounting kit
- ✧ One Grounding kit
- ✧ One Connector weatherproofing kit
- ✧ One Quick Installation Guide



Recommended Accessories

- ✧ 2x Surge arrestor POE (ETH-SURGE-1G)
- ✧ Ethernet cables Cat5-e STP 25, 50 or 75 m (ETH-STP-25-CAP, ETH-STP-50-CAP, ETH-STP-75-CAP).
- ✧ ServPak : level 2 (Plus or Prime)

✧ ORiNOCO is: Trusted, Experienced, Reliable

- 20+ years in wireless LAN business
- First WLAN client/AP released in 1994
- ORiNOCO Carrier/Enterprise AP introduced in 2003

✧ ORiNOCO is: Secure

- AES 128 encryption
- Secure management (SSL/SSH/SNMPv3)
- Rogue Scan – search for all devices transmitting near the AP

✧ ORiNOCO is: Fully Manageable

- Radius authentication and accounting
- Full SNMP MIB
- SNMP and Syslog
- Completely integrated with PV advanced

✧ ORiNOCO is: Flexible

- WDS Support including interworking with legacy Orinoco APs
- Up to 8 SSIDs per radio
- Dual radio 2.4 and 5GHz
- Packet Forwarding
- VLAN mapping to SSID plus Ethernet Trunk/Access

✧ ORiNOCO is: Feature Rich

- WMM QoS
- Adaptive cell size
- Link Integrity
- Public Hot Spot and Hot Spot 2.0



2003



2017

ORiNOCO®

Performance Matters, Proxim Delivers™

New : ProximVision™ Advanced V 2.0

Cloud Based Carrier Management System and WLAN Controller



Click [here for recorded webinar](#) on ProximVision™ Advanced



Designed for Large Networks

PV Advanced includes redundancy and NorthBound Interface to efficiently manage up to 10 000 nodes networks



Control and Manage Effortlessly

From monitoring network performance to remote device configuration and management, PV Advanced provides total control in a few clicks



Geographical View and Dashboard

Provides a map overlay of your entire network with real-time, visual network status indicators



Fault Management

Monitors your network and informs you of operational events or alarms.



Heterogeneous Networks

PV Advanced unifies management of the entire Proxim infrastructure, including basic supervision of SNMP capable switches and routers.



Multiple Remote Access

Gives network managers a flexibility to define access policy from the office or through the cloud for up to fifty concurrent session.



Great Ease of Use and Supportability

Allows you to manage your entire network from a single console and wherever you are located



FREE Copy

Download a full features, 100 nodes, FREE version of PV Advanced for 30 days



New PV Advanced V.2.0 includes

- Discovery
- Provisioning
- RF Management
- Channel view
- Load Balancing
- Band steering
- Fast Roaming
- Client stats / positioning
- Radius Authentication

CPN	Product ID-Comcodes	ProximVision™ Advanced
997-00029	PVA-server software	ProximVision™ Advanced – server software
997-00023	PVA-license-25	ProximVision™ Advanced – 25 nodes license
997-00024	PVA-license-100	ProximVision™ Advanced – 100 nodes license
997-00025	PVA-license-500	ProximVision™ Advanced – 500 nodes license
997-00026	PVA-license-1000	ProximVision™ Advanced – 1 000 nodes license
997-00027	PVA-license-2500	ProximVision™ Advanced – 2 500 nodes license
997-00028	PVA-license-5000	ProximVision™ Advanced – 5 000 nodes license

- PV Advanced server software is downloadable from Proxim web:
<http://www.proxim.com/products/network-controller/proximvision-advanced-download>
- This free version is fully functional and supports up to 100 nodes.
- You can update from the free version by adding 25 to 5 000 nodes license
 - For 350 nodes, select three PVA-license-100 and two PVA-license-25
 - Maximum supported nodes is 10 000

- Most complete wireless portfolio in the industry
 - Point to Point, Point to Multipoint and Wireless LAN
 - 30 years of wireless experience with 250 000 customers and more than 2 million units deployed worldwide
- Migration of the product range to high performance solutions
 - 802.11ac for indoor and outdoor Orinoco Wi-Fi solutions
 - High performance solutions for Pt to Pt and Pt to Mpt
 - Compatibility between Tsunami products – 10000, 8000 and 800 series (MP)
 - ProximVision Advanced for Orinoco and Tsunami support
- Since the launch of the Tsunami range, the products are perceived as the leading solutions on the market providing unrivalled value
 - The 10000 series provides more a powerful radio solution to the Proxim portfolio
 - The 820 and 10000 CPE's offer multiple client devices in a compact /robust platform
- Recently launches
 - XP range combines the benefits of both the Tsunami and Orinoco products on the same hardware platform
 - 10250 series with innovating Beam X and SmartConnect technology