HARDWARE FEATURES

Processor	Qualcomm Atheros Enterprise 560MHz CPU, MIPS 74Kc
Memory	64MB DDR2 RAM, 8MB Flash
Interface	1 10/100Mbps Shielded Ethernet Port (Passive PoE in) 1 Grounding Terminal 1 Reset Button
Power Supply	Passive Power over Ethernet via LAN0 (+4,5pins; -7,8pins) Voltage range: 16-27VDC
Power Consumption	10.5 Watts Max Note: When deployed using Passive PoE, the power drawn from the power source will be higher by some amount depending on the length of the connecting cable.
Dimensions (W x D x H)	8.8 x 3.1 x 2.4 in
Antenna Type	Built-in 13dBi 2 x 2 Dual-polarized Directional Antenna Beam Width: 45° (H-Plane) / 30° (E-Plane)
Protection	15KV ESD Protection 6KV Lightning Protection
Enclosure	Outdoor ASA stabilized plastic material IPX5 waterproof Certification

WIRELESS FEATURES

Wireless Standards	IEEE 802.11a/n (with Pharos MAXtream disabled)
Proprietary Protocol	TDMA Mode (with Pharos MAXtream enabled)
Wireless Speeds	Up to 300Mbps (40MHz,Dynamic) Up to 144.4Mbps (20MHz,Dynamic) Up to 72.2Mbps (10MHz,Dynamic) Up to 36.1Mbps (5MHz,Dynamic)
Frequency	5.15~5.85GHz Note: Available operating frequency may vary depending on the limitations of the countries or regions in which the device is used.
Transmission Power	23dBm/200mw (Adjustable power by 1dBm) Note: Maximum transmission power may vary across different

WIRELESS FEATURES

	channels depending on the limitations of the countries or regions in which the device is used.

SOFTWARE FEATURES

Wireless Configurations	Pharos MAXtream TDMA Technology 802.11a/n Modes Selectable Channel Width: 5/10/20/40MHz Automatic Channel Selection Transmission Power Control Dynamic Frequency Selection (DFS) WDS Enable/Disable Security: WPA/WPA2, WPA-PSK/WPA2-PSK (AES/TKIP) Encryption, 64/128/152-bit WEP Encryption SSID Broadcast Enable/Disable Multi-SSID with VLAN Tagging (AP mode only) Distance/ACK Timeout Setting Wireless MAC Address Filter Wireless Advanced: > Beacon Interval/RTS Threshold/Fragmentation >Threshold/DTIM Interval/AP Isolation/Short GI/Wi-Fi Multimedia
Management	Discovery and Remote Management via Pharos Control application HTTP/HTTPS Web-based management System Log SNMP Agent(v2c) Ping Watch Dog Dynamic DDNS SSH Server
System Tools	Wireless Signal Quality Indicators: Signal Strength/Noise/Transmit CCQ/CPU/Memory Monitors: Throughput/Stations/Interfaces/ARP/Routes/WAN/DHCP Spectrum Analyzer Speed Test Ping Traceroute
System-level Optimizations	Optimized IGMP Snooping/Proxy for multicast applications Hardware watch dog

POE ADAPTER FEATURES

Dimensions(W x D x H)	4.3 x 2.2 x 1.3 in
Interfaces	1 AC Jack with Earth Ground 1 10/100Mbps Shielded Ethernet Port (Power + Data) 1 10/100Mbps Shielded Ethernet Port (Data)

POE ADAPTER FEATURES

Button	Remote Reset Button
Power Status LEDs	Green
Input	100-240VAC, 50/60Hz
Output	24VDC, 1A Max +4, 5pins; -7, 8pins. (Support up to 60m Power over Ethernet)
Efficiency	>80%
Certifications	CE/FCC

OTHERS

Certification	FCC, RoHS, IPX5
Package Contents	Outdoor Wireless CPE 24V 1A Passive PoE Adapter Pole Mounting Straps AC Power Cord Installation Guide
System Requirements	Google Chrome, Safari, and Firefox browsers for web GUI management
Environment	Operating Temperature: -30°C~70°C (-22°F~158°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~95% non-condensing

For additional version information, please go to the support page.

* Maximum wireless transmission rates are the physical rates derived from IEEE Standard 802.11 specifications. Range and coverage specifications along with the number of connected devices were defined according to test results under normal usage conditions. Actual wireless transmission rate, wireless coverage, and number of connected devices are not guaranteed, and will vary as a result of 1) environmental factors, including building materials, physical objects and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead and 3) client limitations, including rated performance, location, connection quality, and client condition.
** Protection against lightning and electro-static discharge may be achieved through proper product setup, grounding and cable shielding. Refer to the instruction manual and consult an IT professional to assist with setting up this product.
*** Power supply distances are based on test results under normal usage conditions. Actual power supply distance will vary as a result of 1) AP status, including transmit power, connected devices and network traffic along with 2) cable properties, including type and texture, and 3) environmental factors, which include temperature and humidity.

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