

HARDWARE FEATURES

Processor	560MHz CPU, MIPS 74Kc
Memory	64MB DDR2 RAM,8MB Flash
Interface	1 10/100Mbps Shielded Ethernet Port (LAN/POE) 1 Reset Button
Power Supply	Passive Power over Ethernet via LAN (+4,5pins; -7,8pins) Voltage range: 16-27VDC
Dimensions (W x D x H)	14.4 x 11.0 x 8.1 in
Antenna Gain	23dBi
Antenna Beamwidth	9°(Azimuth), 7°(Elevation)
Protection	15KV ESD Protection 6KV Lightning Protection
Enclosure	Material: Outdoor PC stabilized plastic Weatherproof: IP65 water and dust proof design

WIRELESS FEATURES

Wireless Standards	IEEE 802.11a/n
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
Transmit Power	Max. 25dBm (Adjustable power by 1dBm)

SOFTWARE FEATURES

Network Configuration	WAN: Static/Dynamic/PPPoE/L2TP/PPTP LAN: Static/Dynamic/DHCP Forwarding: ALG/UPnP/Virtual Server/Port Trigger Security: SPI Firewall/ Ping Forbidden/DoS Protection Access Control Static Routing Bandwidth Control IP & MAC Binding
Wireless Configurations	Pharos MAXtream TDMA Technology Selectable Channel Width: 5/10/20/40MHz Auto Channel Selection Transmit 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

SOFTWARE FEATURES

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	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)
Button	Remote Reset Button
Power Status LEDs	Green
Input	100-240VAC, 50/60Hz
Output	24VDC, 0.5A Max +4, 5pins; -7, 8pins. (Support up to 60m Power over Ethernet)
Efficiency	>84.29%
Certifications	CE/FCC

OTHERS

Certification	FCC, RoHS
Package Contents	Outdoor Wireless CPE 24V 0.5A Passive PoE Adapter Pole Mounting Straps AC Power Cord Installation Guide
Environment	Operating Temperature: -40°C~70°C (-40°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