

HARDWARE FEATURES

Processor	Qualcomm 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)	350 x 255 x 207 mm (13.8 x 10.0 x 8.1 in.)
Antenna Gain	23dBi
Antenna Beamwidth	7°(Azimuth), 10°(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 MAXstream enabled)
Wireless Speeds	Up to 150Mbps (40MHz,Dynamic) Up to 72.2Mbps (20MHz,Dynamic) Up to 36.1Mbps (10MHz,Dynamic) Up to 18.05Mbps (5MHz,Dynamic)
Frequency	5.15~5.85GHz
Transmit Power	Max. 23dBm (Adjustable power by 1dBm)

SOFTWARE FEATURES

IPv6	Yes
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

SOFTWARE FEATURES

Wireless Configurations	Pharos MAXstream 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
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)	85.8×43.9×29.7 mm
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, 0.6A Max +4, 5pins; -7, 8pins. (Support up to 60m Power over Ethernet)
Efficiency	>84.29%
Certifications	CE/FCC/UL/IC/GS/PSB/C-tick/SAA/S-Mark/KC-mark

OTHERS

Certification	CE, FCC, RoHS, IP65
Package Contents	Outdoor Wireless CPE 24V 0.5A Passive PoE Adapter Pole Mounting Straps AC Power Cord Installation Guide

OTHERS

System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 10, Windows 8, Windows 7, MAC OS, NetWare, UNIX or Linux. Note: We recommend you to use one of following Web browsers for an improved user experience: Google Chrome, Safari, and Firefox. IE browsers are not recommended.
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