

HARDWARE FEATURES

Processor	Qualcomm Atheros 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 10.5 Watts Max
Power Consumption	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)	224 x 79 x 60 mm
Antenna Type	Built-in 9dBi 2x2 Dual-polarized Directional Antenna Beam Width: 65° (H-Plane) / 35° (E-Plane) Note: For more details, please refer to datasheet
Protection	15KV ESD Protection 6KV Lightning Protection
Enclosure	Outdoor ASA stabilized plastic material IPX5 waterproof Certification

WIRELESS FEATURES

Wireless Standards	IEEE 802.11b/g/n (with Pharos MAXstream disabled)
Proprietary Protocol	TDMA Mode (with Pharos MAXstream 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	2.4~2.483GHz Note: Available operating frequency may vary depending on the limitations of the countries or regions in which the device is used.
Transmission Power	27dBm/500mw (Adjustable power by 1dBm) Note: Maximum transmission power may vary across different channels depending on the limitations of the countries or regions in which the device is used.

SOFTWARE FEATURES

Wireless Configurations	Pharos MAXstream TDMA Technology 802.11b/g/n Modes Selectable Channel Width: 5/10/20/40MHz Automatic Channel Selection Transmission Power Control Dynamic Frequency Selection (DFS)
--------------------------------	--

SOFTWARE FEATURES

	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
	Discovery and Remote Management via Pharos Control application
	HTTP/HTTPS Web-based management
Management	System Log
	SNMP Agent(v2c)
	Ping Watch Dog
	Dynamic DDNS
	SSH Server
	Wireless Signal Quality Indicators:
	Signal Strength/Noise/Transmit CCQ/CPU/Memory
	Monitors:
System Tools	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)	110*57*33.5mm
Input Current	0.8A Max @ 100VAC
Input Voltage	100VA~240VAC @ 50Hz~60Hz
Output	24VDC, 1.0A Max +4, 5pins; -7, 8pins. (Support up to 60m Power over Ethernet)
Efficiency	>80%
Output Voltage	24VDC(+4,5pins; -7,8pins)
Input	100-240VAC, 50/60Hz
Power Status LEDs	0~0.8A: Green 0.8A~1.0A: Red
Certifications	CE/FCC/UL/IC/GS/PSB/C-tick/SAA/S-Mark/KC-mark

POE ADAPTER FEATURES

Interfaces	1 AC Jack with Ground 1 10/100/1000Mbps Shielded Ethernet Port (Power + Data)
Button	Remote Reset Button
	OTHERS
Certification	CE, FCC, RoHS, IPX5 Outdoor Wireless CPE
Package Contents	24V 1A Passive PoE Adapter Pole Mounting Straps AC Power Cord Installation Guide
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: -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