

HARDWARE FEATURES

Processor	Qualcomm Atheros Enterprise AR9350B 560MHz CPU, MIPS 74Kc
Memory	64MB DDR2 RAM, 8MB Flash
Interface	1 10/100Mbps Shielded Ethernet Port 1 10/100Mbps Shielded Ethernet Port (LAN1) 2 RP-SMA Female 1 Grounding Terminal 1 Reset Button
Power Supply	Passive Power over Ethernet via LAN0 (+4,5pins; -7,8pins) Voltage range: 16-27VDC
Dimensions (W x D x H)	98×74×40 mm
Protection	15KV ESD Protection 6KV Lightning Protection
Enclosure	Outdoor ASA stabilized plastic material IP65 water and dust proof Certification

WIRELESS FEATURES

Wireless Standards	IEEE 802.11a/n
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	5.15~5.85GHz Note: Available operation frequency may vary depending on the limitation 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

Operating Modes	AP / Client / Bridge /Repeater AP Router Mode / AP Client Router(WISP Client) Mode
Network Configuration	WAN: Static/Dynamic/PPPoE/L2TP/PPTP LAN: Static/Dynamic/Dynamic/DHCP Forwarding: DMZ/ALG/UPnP/Virtual Server/Port Trigger Security: SPI Firewall/Ping Forbidden/VPN/DOS Protection Access Control Static Routing Bandwidth Control IP & MAC Binding

SOFTWARE FEATURES

<p>Wireless Configurations</p>	<p>Pharos MAXstream 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</p>
<p>Management</p>	<p>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</p>
<p>System Tools</p>	<p>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</p>
<p>System-level Optimizations</p>	<p>802.11a/n Tx beamforming technology Optimized IGMP Snooping/Proxy for multicast applications Hardware watch dog</p>
<p>OTHERS</p>	
<p>Certification</p>	<p>CE, FCC, RoHS, IP65</p>
<p>Package Contents</p>	<p>Outdoor Wireless Base Station 24V 0.6A Passive PoE Adapter Pole Mounting Kit AC Power Cord Quick Installation Guide</p>
<p>System Requirements</p>	<p>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.</p>
<p>Environment</p>	<p>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</p>