



5GHz AC 867Mbps 23dBi Outdoor CPE

CPE710

SKU: 173008 UPC: 845973089702

With 23 dBi high-gain directional Cassegrain antenna and dedicated metal reflector, the CPE710 provides excellent beam directivity, improved latency, and noise immunity. Professional performance, coupled with user-friendly design, makes the 5 GHz 867 Mbps 23 dBi Outdoor CPE710 an ideal choice and cost-effective solution for outdoor long-distance wireless networking applications.

Features

- 802.11ac for up to 867Mbps on 5GHz wireless data rate
- 23dBi high-gain directional 2x2 MIMO, ideal for long-distance application
- Excellent beam directivity, improved latency and noise cancellation
- Innovative snap-lock parts make for fast assembly and a sturdy structural design keeps CPE710 stable even in strong winds
- Durable IP65 weatherproof enclosure along with 15kV ESD and 6kV lightning protection ensures all-weather suitability
- Pharos Control gives administrators a free, centralized management system
- Passive PoE supports to allow flexible deployment and convenient installation

HARDWARE FEATURES	
Processor	Qualcomm 750MHz CPU, MIPS 74Kc
Memory	128 MB DDR2 RAM, 16 MB Flash
Interface	1 10/100/1000 Mbps Shielded Ethernet Port (LAN/POE) 1 Reset Button
Power Supply	Passive Power over Ethernet via LAN (+4,5pins; -7,8pins) Voltage range: 16-27V DC
Dimensions (W x D x H)	14.4 x 11.0 x 8.1 in. (366 x 280 x 207 mm)
Antenna Gain	23 dBi
Antenna Beamwidth	9° (Azimuth)/7° (Elevation)
Protection	15 KV ESD Protection 6 KV Lightning Protection
Enclosure	Material: Outdoor PC stabilized plastic Weatherproof: IP65 water and dust proof design
WIRELESS FEATURES	
Wireless Standards	IEEE 802.11a/n/ac
Wireless Speeds	Up to 867 Mbps (80 MHz, Dynamic) Up to 400 Mbps (40 MHz, Dynamic) Up to 173.4 Mbps (20 MHz, Dynamic)
Frequency	5.15 - 5.85 GHz Note: Available operating frequency may vary depending on the limitations of the countries or regions in which the device is used.
Transmit Power	Max. 27 dBm (Adjustable power by 1dBm)
SOFTWARE FEATURES	

Network Configuration	<p>WAN: Static/ Dynamic/ PPPoE 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</p>
Wireless Configurations	<p>Selectable channel width: 20, 40 or 80MHz Automatic Wi-Fi channel selection RF transmit power adjustment in 1 dB step Dynamic Frequency Selection (DFS) WDS Enable/ Disable Security: WPA/WPA2, WPA-PSK/WPA2-PSK (AES/TKIP) encryption, SSID broadcast enable/ disable Multi-SSID with VLAN tagging in AP mode Distance/ ACK timeout setting Wireless MAC address filter Wireless advanced features: Beacon interval, RTS threshold, fragmentation threshold, DTIM interval, AP isolation, short GI, Wi-Fi multimedia Long range point-to-point</p>
Management	<p>Discovery and Remote Management with Pharos Control (Windows) HTTP/ HTTPS Web-based management System log SNMP agent (v2c) Ping watchdog Dynamic DNS SSH server</p>
System Tools	<p>Indicators: Signal Strength, Noise, Transmit CCQ, CPU, and Memory usage Monitors: Throughput, Stations, Interfaces, ARP, Routes, WAN, and DHCP Spectrum Analyzer Speed Test Ping Traceroute Antenna Alignment</p>
System-level Optimizations	Optimized IGMP Snooping / Proxy for multicast applications
POE ADAPTER FEATURES	
Dimensions(W x D x H)	3.3 x 1.7 x 1.2 in. (85 x 44 x 30 mm)
Interfaces	1 AC Jack with Earth Ground 10/100/1000 Mbps Shielded Ethernet Port (Power + Data) 10/100/1000 Mbps 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/UL/IC/GS/PSB/C-tick/SAA/S-Mark/KC-mark
OTHERS	
Certification	CE, FCC, RoHS, IP65

OTHERS**Package Contents**

Outdoor Wireless CPE
24V 0.5A Passive PoE Adapter
Pole Mounting Kits
AC Power Cord
Installation Guide

Environment

Operating Temperature: -40°~70° (-40°~158°)
Storage Temperature: -40°~70° (-40°~158°)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~95% non-condensing