

Access Point CPE610

CPE610 5GHz 300Mbps 23dBi Outdoor Wifi Access Point

Wi-Fi speeds up to 300 Mbps at 5 GHz

2x2 MIMO 23 dBi high gain directional antenna and metal shielding for long distance data transmission

Excellent beam directivity, less delays and interference

Innovative locking mechanisms for quick assembly and a robust design make the CPE610 stable even in strong winds.

The all-weather IP65 enclosure, electrostatic discharge protection up to 15 kV and lightning strike protection up to 6 kV ensure operation in all atmospheric conditions.

TP-LINK Pharos MAXtream TDMA technology (TDMA - multiple access with time division) improves the throughput and performance of the device, reduces latency

Pharos Control - A free, centralized network management application

Passive PoE technology for easy installation of devices



Detailed

Hardware Specifications	
Processor	Qualcomm 560 MHz, MIPS 74Kc
Memory	RAM-64 MB DDR2 Flash-8 MB
Interfaces	1 10/100 Mbps shielded Ethernet (LAN/PoE) port 1 Reset button
Power supply	Passive PoE over LAN (+ : pins 4,5; -: pins 7,8) Voltage range: 16-27 VDC
Power consumption	7.41 W

	Note: When using Passive PoE, the power consumption will be slightly higher depending on the length of the connecting cable.
Dimensions (W × L × H)	366 × 280 × 207 mm
Antenna gain	23 dBi
Antenna beam width	9° (horizontal), 7° (vertical)
Protection	Electrostatic discharge protection up to 15 kV Lightning strike protection up to 6 kV
Body	Material: Stabilized plastic for outdoor use Weatherproof: IP65 certified for moisture and dust protection

WI-FI SETTINGS	
Wi-Fi Standards	IEEE 802.11a/n
Custom protocol	TDMA mode (with Pharos MAXtream enabled)
Wireless data transfer rate	Up to 300 Mbit/s (40 MHz, dynamic) Up to 144.4 Mbit/s (20 MHz, dynamic) Up to 72.2 Mbit/s (10 MHz, dynamic) Up to 36.1 Mbit/s (5 MHz, dynamic)
Frequency ranges	5.15-5.85 GHz Note: The available operating frequencies may vary depending on the restrictions of the country or region in which the device is used.
EIIM	< 20 dBm or < 100 MW

Software Features	
Operating modes	access point, client, access point with router, access point and client-router (WISP wireless client)
Network Settings	WAN: Static/Dynamic/PPPoE/L2TP / PPTP LAN: Static/Dynamic / DHCP Forwarding: DMZ / ALG/UPnP / Virtual Server / Port Trigger Security: SPI Firewall / Ping Packet Denial/VPN/DoS Protection Access Control Static Routing Bandwidth Control IP and MAC Address Binding
Wireless Mode Settings	Pharos MAXtream TDMA technology Channel width selection: 5/10/20/40 MHz Automatic channel selection Transmission power control Dynamic Frequency Selection (DFS) Enable / Disable WDS Security: WPA/WPA2 encryption, WPA-PSK/WPA2-PSK (AES/TKIP), 64/128/152-bit WEP encryption Enable / Disable Multi-SSID broadcast with VLAN tagging (access point mode only) Configuring Distance/ACK Timeout MAC Address Filtering Additional Wireless Mode Settings: Beacon Interval/RTS Threshold/ Fragmentation Threshold /DTIM Interval/Access Point Isolation/Short GI/Wi-Fi Multimedia

Management	Search and remote management using Pharos Control HTTP / HTTPS Web Configuration Utilities Syslog SNMP Agent (v2c) Ping Watch Dog Dynamic DDNS SSH Server
System tools	Indicators: Signal/Noise Level/CCQ Transmission/Processor/Memory Monitoring: Throughput capacity/Customers/Interfaces / ARP / Routes/WAN/DHCP Spectrum Analysis Ping Speed Check Tracing
System-level optimization	Optimized IGMP Snooping / Proxy for Multicast Groups Watchdog Timer

PoE Adapter Specifications	
Dimensions (W × L × H)	85.8 × 43.9 × 29.7 mm
Interfaces	1 ground pin 1 10/100 Mbps shielded Ethernet port (power + data) 1 10/100 Mbps shielded Ethernet port (data)
Buttons	Remote Reset
LED Power Indicators	Green
Input power	100-240 VAC, 50/60 Hz
Output current	24 VDC, 0.5 A Max +: Pins 4, 5; -: Pins 7, 8. (Support PoE up to 60m).
Efficiency	> 84,29 %
Certification process	CE/FCC/UL/IC/GS/PSB/C-tick/SAA/S-Mark/KC-mark

Other	
Certification process	CE, FCC, RoHS, IP65
Scope of delivery	Outdoor Wireless Access Point 24V 0.5 A Passive PoE Adapter Mast Mount Kit Power Cable Installation Guide
System requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ или Windows 10, Windows 8, Windows 7, MAC OS, NetWare, UNIX or Linux. Note: For a better user experience, we recommend that you use one of the following web browsers: Google Chrome, Safari, and Firefox. It is not recommended to use Internet Explorer web browsers.
Environmental parameters	Operating temperature: -40°C~70°C Storage temperature: -40°C~70 ° C Operating humidity: 10%~90%, non-condensing Storage humidity: 5%~95%, non-condensing

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