

Pharos CPE Series

Dedicated Long-Range Outdoor Wireless Networking Solution

Highlights

- other models
- -Adjustable transmission power by 1 dBm
- Ethernet deployment
- PtMP applications.



¹ Power supply distances are based on test results under normal usage conditions. Actual power supply distance will vary as a result of 1) AP status, including transmit power, connected devices and network traffic and 2) cable properties, including type and texture.

² CPE210 / CPE220 / CPE510 / CPE605 / CPE610 supports Maxtream.

CPE210 / CPE220 / CPE510 / CPE605 / CPE610 / CPE710

-Selectable bandwidth of 20/40/80 MHz for CPE710 and 5/10/20/40 MHz for

-Broad operating frequency channels ensure less wireless interference

-Passive PoE Adapter supports up to 60 meter¹ (200 feet) Power over

-TP-Link Pharos MAXtream² (Time-Division-Multiple-Access) technology improves product throughput, capacity and latency performance, ideal for

-Centralized Management System – Pharos Control



Typical Application

TP-Link's Outdoor CPE is dedicated to reliable solutions for outdoor wireless networking applications. With its centralized management application, it is flexible and ideal for Point-to-Point and Point-to-Multipoint applications.

Long-distance Wireless Connection

Using two CPEs to build a long-distance Point-to-Point wireless connection.

Large-area Wireless Coverage

Using Base Station combined with Sector Antenna as the Access Point at the central station, and several CPEs as client to build a Point-to-Multipoint coverage.



TP-Link MAXtream TDMA Technology

As network scale increases, wireless competition and collisions among outdoor devices will be so fierce that the real throughput of the network will drop, resulting in a serious impact on end-user experience, to mitigate these effects, TP-Link's Pharos series uses MAXtream³ TDMA Technology.



³ CPE210 / CPE220 / CPE510 / CPE605 / CPE610 supports Maxtream.

PharOS

User-friendly web-based management system allows professionals to do more specific configurations.



Pharos Co System

Pharos also comes equipped with centralized management software that helps users easily manage all the devices in their network from a single PC -Pharos Control. Functions like device discovery, status monitoring, firmware upgrading, and network maintenance can be managed using Pharos Control.





Pharos Control – Centralized Management

Device name Status Mode SSID Root AP SSID IP address IP CPE210 MANAGED 0 AMY_C2 192.168.1.122 IP CPE510 UNMANAGED 0 APP_GUEST_C9 192.168.1.124 IP CPE510-2 MANAGED 0 APP_B42N 192.168.1.124 IP CPE210-1 UNMANAGED 0 RE_MONILE4 AP500-C2 192.168.1.124 IP CB5779 MANAGED 0 RE_MONILE4 AP500-C2 192.168.1.124 IP CB5779 MANAGED 0 AP500 AP1000-SD 192.168.1.124 IP	Device name Status Mode SSID Root AP SSID IP address N + OPE210 MANAGED 0 AMY_C2 192.168.1.122 192.168.1.124 OPE510 UNMANAGED 0 APP_GUEST_C9 192.168.1.124 192.168.1.124 OPE510-2 MANAGED 0 APP_B42N 192.168.1.124 192.168.1.124 OPE210-1 UNMANAGED 0 Re_MONILE4 AP500-C2 192.168.1.26 00-01
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