

Item no.: 326009

## CPE220 - Dedicated Long-Range Outdoor Wireless Networking Solution

from **50,07 EUR**

Item no.: 326009  
shipping weight: 0.90 kg  
Manufacturer: TP-LINK



### Product Description

TP-Link CPE220 - Dedicated Long-Range Outdoor Wireless Networking Solution

TP-Link's 2.4 GHz 300 Mbps 12 dBi Outdoor CPE, the CPE220, is dedicated to cost effective solutions for outdoor wireless networking applications. With its centralized management application, it is flexible and ideal for point-to-point, point-to-multipoint and outdoor Wi-Fi coverage applications. Professional performance, coupled with user-friendly design, makes CPE220 an ideal choice for both business and home users. [Enterprise Hardware](#)

With Qualcomm Atheros enterprise level chipsets, high gain antennas and high quality material, specially designed enclosure, and PoE power supply, CPE220 is specially designed for outdoor use and can operate flawlessly in almost any climate, with operating temperatures ranging from -40°C to +70°C. [Advanced Antenna System](#)

- Built-in High Gain Dual-Polarized Antenna
- Dedicated metal reflector ensures higher gain and lower noise interference

#### 13 km+ Wireless Data Transmission

Specially designed for outdoor uses, ideal for long distance wireless data transmission over 13 km+, tested in the field.

#### TP-LINK MAXtream TDMA Technology

As network scale increases, wireless competition and collisions among CPEs and base stations will be so enormous that the real throughput of the network will drop, resulting in a serious impact on end-user experience. To mitigate these effects, the CPE220 uses MAXtream TDMA Technology. [PharOS Control – Centralized Management System](#)

CPE220 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](#)

User-friendly web-based management system allows professionals to do more specific configurations. [Key features](#)

- Built-in 12 dBi 2x2 dual-polarized directional MIMO antenna
- Adjustable transmission power from 0 to 30 dBm/1000 mw
- System-level optimizations for more than 13 km long range wireless transmission
- TP-Link Pharos MAXtream TDMA (Time-Division-Multiple-Access) technology improves product performance in throughput, capacity and latency performance, ideal for PTMP applications
- Centralized management system – PharOS Control
- AP/Client/Bridge/Repeater/AP Router/AP Client Router (WISP) operation modes
- Passive PoE adapter supports up to 60 meter (200 feet) Power over Ethernet deployment and allows the device to be reset remotely

#### Connectors and Interfaces

- LAN speed: (2) 10/100 Mbps

#### Hardware

- RAM memory size [MB]: 64
- CPU: MIPS 74Kc
- CPU frequency [MHz]: 560

#### Physical characteristics

- Purpose: Outdoor
- Buttons: Reset
- Operating temperature [°C]: -30 up to 70
- Depth [mm]: 60
- Width [mm]: 79
- Height [mm]: 276

#### Power

- Max. power consumption [W]: 10,8
- Power over Ethernet: 16 to 27 V DC
- PoE type: Input, input and output

#### Software

- Operating mode: Bridge, Client, Repeater, AP Router, Access Point, Client Router (WISP)
- Default IP address: 192.168.0.254
- Default login and password: admin/admin

#### Wireless features

- Wireless frequency: 2.4 GHz
- WiFi standards: 802.11n, 802.11b/g
- Transmission speed - WiFi 2.4 GHz [Mb/s]: 300
- Tx power 2.4 GHz [dBm]: 30
- Security: 64/128/152-bit WEP/WPA/WPA2, WPA-PSK/WPA2-PSK
- 2.4GHz MIMO: 2x2
- Type of antenna: Build-in
- Internal antennas: 2
- Antenna gain [dBi]: 12

## Specifications

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