

Code: TL-CPE210

ACCESS POINT **TL-CPE210** 2.4 GHz TP-LINK

Net: **43.97 EUR** Gross: **43.97 EUR**



Outdoor access point TL-CPE210 High Power 2.4 GHz is dedicated for WISPs (Wireless Internet Service Provider) to wireless data transmission. The device is equipped with a high gain antenna, which, together with the electronic board, is put in a weather-resistant housing.

Thanks to the antenna with 9 dBi gain, high output power of the transmitter equal 27 dBm and high sensitivity of the receiver, the device allows to create long-range, stable and efficient wireless connections. Device allows to secure data transmission using the encryption protocols: WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK (64/128/152 bits).

SPECIFICATION

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| Frequency range: | 2.4 GHz ... 2.483 GHz |
| Antenna type: | 2Tx 2Rx MIMO |
| Gain : | 9 dBi |
| Polarization: | vertical/horizontal |
| Standards: | IEEE 802.11b, IEEE 802.11g, IEEE 802.11n |
| Baud rates: | <ul style="list-style-type: none">• max. 300 Mbps @ 40 MHz (dynamic)• max. 144.4 Mbps @ 20 MHz (dynamic)• max. 72.2 Mbps @ 10 MHz (dynamic)• max. 36.1 Mbps @ 5 MHz (dynamic) |
| Receiver sensitivity: | <ul style="list-style-type: none">• IEEE 802.11b : 11 M : -95 dBm, 5.5 M : 96 dBm, 2 M : 96 dBm, 1 M : 96 dBm• IEEE 802.11g : 54 M : -79 dBm, 48 M : -80 dBm, 36 M : -84 dBm, 24 ... 6 M : -88 dBm• IEEE 802.11n : MCS15 : -76 dBm, MCS14 : -78 dBm, MCS13 : -80 dBm, MCS12 : -84 dBm, MCS11 : -87 dBm, MCS10 : -91 dBm, MCS9 : -93 dBm, MCS8 : -96 dBm, MCS7 : -76 dBm, MCS6 : -78 dBm, MCS5 : -80 dBm, MCS4 : -84 dBm, MCS3 : -87 dBm, MCS2 : -91 dBm, MCS1 : -93 dBm, MCS0 : -96 dBm |
| Operation modes: | AP, Client, Repeater, AP router, WISP |
| Protections: | WEP 64/128/152-bit, WPA/WPA2, WPA-PSK/WPA2-PSK |
| LAN ports: | <ul style="list-style-type: none">• 1 x 10/100Mb LAN 0 + PoE, Shielded• 1 x 10/100Mb LAN 1 + PoE Passthrough, Shielded |
| Management interface: | Web browser, PharOS Control application |
| Transmitter power: | max. 25 dBm |
| Horizontal beam width (H): | 65 ° |

DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60

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| Vertical beam width (V): | 40 ° |
| Housing: | Outdoor, plastic (Weatherproof) - IPX5 |
| Overvoltage protection: | <ul style="list-style-type: none"> • 15 kV ESD • 6 kV lightning |
| Power supply PoE: | ✓ (up to 60 m via UTP cable) |
| Power supply: | 24 V / 1 A Passive PoE (power adapter included) |
| Power consumption: | 6 W |
| Operation temp: | -30 °C ... 70 °C |
| Permissible relative humidity: | 10 % ... 90 % |
| Memory: | 64MB DDR2, 8MB Flash |
| Processor: | Qualcomm 650MHz, MIPS 24Kc |
| Main features: | <ul style="list-style-type: none"> • MIMO technology - increases the throughput of wireless link (multiple antennas transmission) • Adjustable transmission power • TP-LINK Pharos MAXtream TDMA Technology • Transmission range even up to 5 km • PharOS Control Central Management System • Support for tools Antenna Alignment, Distance Setting, Ping Watch Dog and Wireless Speed Test • Wireless signal quality indicators • Bandwidth : 5, 10, 20, 40 MHz • Multi-SSID • WDS • MAC addresses filtering • SSID hiding • DDNS • SSH • Watchdog built-in • RESET button |
| Weight: | 0.338 kg |
| Dimensions: | 224 x 79 x 60 mm |
| Manufacturer / Brand: | TP-LINK |
| Guarantee: | 3 years |

PRESENTATION

Mounting side view:





Signal indicator:



connector:



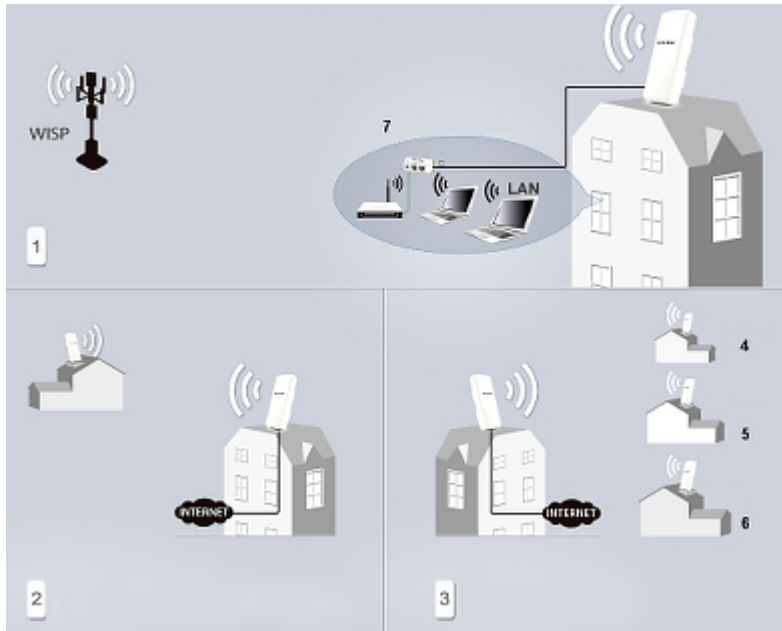
PoE Power Supply and Adapter:



In the kit:



Transmission schematic diagram:



1. WISP client
2. Point-to-Point connection
3. Connection point-to-multipoint
4. 1 client
5. 2 client
6. 3 client
7. Local Area Network

PACKAGE

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| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
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