

Code: TL-CPE210

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

Net: **37.00 EUR** Gross: **45.51 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

Frequency range:	2.4 GHz ... 2.483 GHz
Antenna type:	2Tx 2Rx MIMO 9 dBi Integrated
Polarization:	vertical/horizontal
Standards:	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Baud rates:	<ul style="list-style-type: none"><li>• max. 300 Mbps @ 40 MHz (dynamic)</li><li>• max. 144.4 Mbps @ 20 MHz (dynamic)</li><li>• max. 72.2 Mbps @ 10 MHz (dynamic)</li><li>• max. 36.1 Mbps @ 5 MHz (dynamic)</li></ul>
Receiver sensitivity:	<ul style="list-style-type: none"><li>• IEEE 802.11b : 11 M : -95 dBm, 5.5 M : 96 dBm, 2 M : 96 dBm, 1 M : 96 dBm</li><li>• IEEE 802.11g : 54 M : -79 dBm, 48 M : -80 dBm, 36 M : -84 dBm, 24 ... 6 M : -88 dBm</li><li>• 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</li></ul>
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"><li>• 1 x 10/100Mb LAN 0 + PoE, Shielded</li><li>• 1 x 10/100Mb LAN 1 + PoE Passthrough, Shielded</li></ul>
Management interface:	Web browser, PharOS Control application
Transmitter power:	max. 27 dBm
Horizontal beam width (H):	65 °
Vertical beam width (V):	35 °

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

## PRESENTATION

Mounting side view:



Signal indicator:



connector:



PoE Power Supply and Adapter:

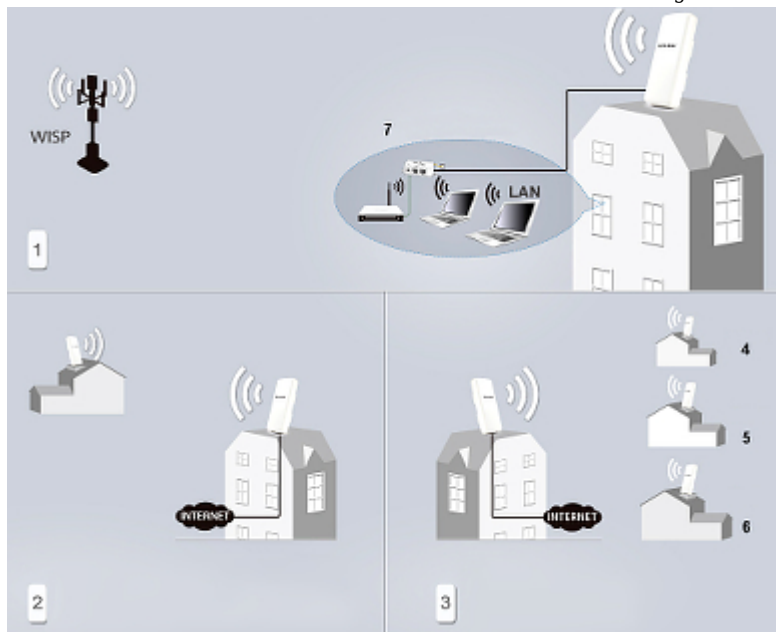




In the kit:



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

