

Code: TL-EAP245

## ACCESS POINT **TL-EAP245** 2.4 GHz, 5 GHz TP-LINK

Wireless wall or ceiling mount Access Point. Free Omada Controller Software enables to centrally manage of wireless network. The user-friendly Cluster Mode allows manage up to 24 devices (TL-EAP245) without requiring any extra hardware or software.

Enterprise class Wi-Fi security help to decrease network security threats. Device allows to secure data transmission using the encryption protocols: WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK (64/128/152 bits).



|                       |                                                                                                                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency range:      | 2.4 GHz, 5 GHz                                                                                                                                                                       |
| Antenna type:         | <ul style="list-style-type: none"> <li>• 2.4 GHz : 3 x 3.5 dBi - Integrated, Omnidirectional antenna ,</li> <li>• 5 GHz : 3 x 4 dBi - Integrated, Omnidirectional antenna</li> </ul> |
| Polarization:         | vertical/horizontal                                                                                                                                                                  |
| Standards:            | IEEE 802.11a, IEEE 802.11ac, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n                                                                                                                |
| Baud rates:           | <ul style="list-style-type: none"> <li>• 2.4 GHz : max. 450 Mbps (dynamic)</li> <li>• 5 GHz : max. 1300 Mbps (dynamic)</li> </ul>                                                    |
| Protections:          | WEP 64/128/152-bit, WPA / WPA2-Enterprise, WPA-PSK/WPA2-PSK                                                                                                                          |
| LAN ports:            | 2 x 10/100/1000 Mbps                                                                                                                                                                 |
| Management interface: | Web browser, Omada application                                                                                                                                                       |
| Transmitter power:    | <ul style="list-style-type: none"> <li>&lt; 20 dBm @ 2.4 GHz</li> <li>&lt; 23 dBm @ 5 GHz</li> </ul>                                                                                 |
| Housing:              | Plastic                                                                                                                                                                              |
| Power supply PoE:     | IEEE 802.3af                                                                                                                                                                         |
| Power supply:         | <ul style="list-style-type: none"> <li>• PoE (802.3af)</li> <li>• Passive PoE : 48 V DC ("+": 4, 5 pins; "-": 7, 8 pins) (power adapter included)</li> </ul>                         |

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main features:                 | <ul style="list-style-type: none"> <li>• Omada Central Management System</li> <li>• Multi-SSID - max 8 SSID addresses for each band</li> <li>• Load balance</li> <li>• QoS - mechanisms, which provide the high quality of transmission</li> <li>• Enable/Disable Wireless Radio</li> <li>• MU-MIMO - a multi-antenna transmission function that allows to increase the bandwidth and reliability of connection with the client of the network</li> <li>• Beamforming (TxBF) - technology that allows to create a beam of radio waves in order to improve the quality of connection with client devices located further away from the signal source</li> <li>• Wireless transmission statistics</li> <li>• Wireless Network Schedule</li> <li>• Authentication using the welcome page</li> <li>• Access control</li> <li>• MAC addresses filtering</li> <li>• Wireless isolation between clients</li> <li>• SSID to VLAN mapping</li> <li>• Rogue Access Point detection</li> <li>• 802.1x Radius</li> <li>• Watchdog built-in</li> <li>• Power supply PoE</li> <li>• Possibility to mount on the wall or ceiling</li> </ul> |
| Operation temp:                | 0 °C ... 40 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Permissible relative humidity: | 10 % ... 90 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Weight:                        | 0.38 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Dimensions:                    | 205 x 182 x 37 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Manufacturer / Brand:          | TP-LINK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Guarantee:                     | <b>5 years</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |