

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:	• 2.4 GHz : 3 x 3.5 dBi - Integrated, Omnidirectional antenna , • 5 GHz : 3 x 4 dBi - Integrated, Omnidirectional antenna
Polarization:	vertical/horizontal
Standards:	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Baud rates:	• 2.4 GHz : max. 450 Mbps (dynamic) • 5 GHz : max. 1300 Mbps (dynamic)
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:	< 20 dBm @ 2.4 GHz < 23 dBm @ 5 GHz
Housing:	Plastic
Power supply PoE:	IEEE 802.3af
Power supply:	• PoE (802.3af) • Passive PoE : 48 V DC ("+": 4, 5 pins; "-": 7, 8 pins) (power adapter included)

Main features:	• Omada Central Management System • Multi-SSID - max 8 SSID addresses for each band • Load balance • QoS - mechanisms, which provide the high quality of transmission • Enable/Disable Wireless Radio • MU-MIMO - a multi-antenna transmission function that allows to increase the bandwidth and reliability of connection with the client of the network • 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 • Wireless transmission statistics • Wireless Network Schedule • Authentication using the welcome page • Access control • MAC addresses filtering • Wireless isolation between clients • SSID to VLAN mapping • Rogue Access Point detection • 802.1x Radius • Watchdog built-in • Power supply PoE • Possibility to mount on the wall or ceiling
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:	5 years