

Code: TL-EAP225-OUTDOOR

## ACCESS POINT **TL-EAP225-OUTDOOR** 2.4 GHz, 5 GHz 300 Mbps + 867 Mbps TP-LINK

Wireless, outdoor access point, built for outdoor Wi-Fi applications, working in AC1200 MU-MIMO standard. Easy to install on any wall or pole.

Omada Mesh Technology enables wireless connectivity between APs for extended range, making wireless deployments more flexible and convenient. With Seamless Roaming support, video streaming and voice calls remain interference-free even when users are on the move while performing these activities. Free Omada Controller Software enables to centrally manage of wireless network. System optimized for long distance transmission.

Device allows to secure data transmission using the encryption protocols: WEP, WPA-Personal/Enterprise, WPA2-Personal/Enterprise.

The product meets the IP65 tightness class.



Frequency range:	2.4 GHz, 5 GHz
Antenna type:	<ul style="list-style-type: none"><li>• 2.4 GHz : 2 x 3 dBi Outdoor, Omnidirectional antenna 2x2 MIMO,</li><li>• 5 GHz : 2 x 4 dBi Outdoor, Omnidirectional antenna 2x2 MIMO</li></ul>
Standards:	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac
Baud rates:	2.4 GHz : max. 300 Mbps (dynamic) + 5 GHz : max. 867 Mbps (dynamic)
Protections:	WEP, WPA/WPA2-Personal, WPA/WPA2-Enterprise
LAN ports:	1 x 10/100/1000 Mbps
Management interface:	Web browser, Omada application
Transmitter power:	< 20 dBm @ 2.4 GHz < 26 dBm @ 5 GHz
Housing:	Outdoor, plastic (Weatherproof)
Overvoltage protection:	<ul style="list-style-type: none"><li>• 15 kV ESD</li><li>• 4 kV lightning</li></ul>
Power supply PoE:	✓



# DATA SHEET

Power supply:	<ul style="list-style-type: none"><li>• PoE (802.3af)</li><li>• 24 V Passive PoE - PoE Adapter (included)</li></ul>
Power consumption:	10.5 W
Operation temp:	-30 °C ... 70 °C
Permissible relative humidity:	10 % ... 90 %
Main features:	<ul style="list-style-type: none"><li>• Omada Central Management System</li><li>• Software Omada Controller</li><li>• 220 on-line users</li><li>• Multi-SSID ( max. 16 )</li><li>• Enable/Disable Wireless Radio</li><li>• QoS - mechanisms, which provide the high quality of transmission</li><li>• WMM (Wi-Fi Multimedia)</li><li>• Transmit power control</li><li>• TP-Link Mesh technology: MU-MIMO, Automatic route selection, AP control, Bandwidth control, Beamforming</li><li>• Airtime Fairness - technology that improves network performance when multiple clients with different data rates appear in it</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>• Load balance</li><li>• Rate limit</li><li>• Wireless Network Schedule</li><li>• Wireless transmission statistics</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>• e-mail personal messaging</li><li>• Remote management</li><li>• RESET button</li><li>• LED indication</li><li>• Power supply PoE</li><li>• Easy to install on any wall or pole (mounting kit included)</li></ul>
"Index of Protection":	IP65
Weight:	0.168 kg
Dimensions:	215 x 46 x 27 mm (without antennas & mounting kit) 404 x 91 x 55 mm (with antennas & mounting kit)
Manufacturer / Brand:	TP-LINK
Guarantee:	<b>5 years</b>