

TP-Link Omada EAP110(EAP110)

TP-Link 300Mbps Wireless N Ceiling Mount Access Point - EAP110



This wireless access point is specially designed for the high-density, most demanding business environments, including schools, hotels, and enterprises. Its "ceiling lamp" appearance and easy mounting design with chassis make it easy to be integrated seamlessly into any wall or ceiling surface to blend in with most interior decorations. EAP110 supports passive PoE to make deployment effortless and flexible.

Key Selling Points

- Supports passive PoE for convenient installation
- Ceiling mounting design with chassis make it easy to deploy on a wall or ceiling
- Captive portal provides one convenient method of authentication for Wi-Fi guests
- Multi-SSID divides multiple wireless networks for different users
- Enterprise class Wi-Fi security help to decrease network security threats

Product Features

Flexible placement

The EAP's "ceiling lamp" appearance and easy mounting design with chassis make it easy to be integrated seamlessly into any wall or ceiling surface to blend in with most interior decorations. EAP110 supports passive PoE to make deployment effortless and flexible.

Efficient guest authentication

Captive portal provides one convenient method of authentication for Wi-Fi guests. A captive portal requires users to perform certain actions before network access is allowed. The required action must be verified by an external portal server or customized database by the administrator, which can be simply viewing and agreeing to an acceptable use policy, or entering a user ID and password.

Designed for business performance

EAP110 is specially designed for the high-density, most demanding business environments, including schools, hotels, and enterprises.

Load balance

Load balance ensures large numbers of users have smooth network experiences in large business networks.

Dustproof design

Prevents dust from dropping onto the PCB through bypass louver, which ensures long-term, unhindered operation.

Quality of Service (QoS)

It prioritizes data, voice, and video applications to ensure time-sensitive traffic takes priority over all other traffic.

Main Specification

Product Description	TP-Link Omada EAP110 - radio access point
Device Type	Radio access point
Form Factor	External
Data Link Protocol	Ethernet, Fast Ethernet, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Frequency Band	2.4 GHz
Capacity	Maximum number of configured SSIDs: 8
Included Accessories	PoE injector, wall mounting kit
OS Required	Microsoft Windows Vista / XP / 7 / 8
Power Over Ethernet (PoE) Supported	PoE
Dimensions (WxDxH)	18.94 cm x 17.23 cm x 2.95 cm

Extended Specification

General

Device Type	Radio access point
Width	18.94 cm
Depth	17.23 cm
Height	2.95 cm

Networking

Form Factor	External
Connectivity Technology	Wireless
Data Transfer Rate	300 Mbps
Data Link Protocol	Ethernet, Fast Ethernet, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Remote Management Protocol	SNMP 1, Telnet, SNMP 2c, HTTP, HTTPS, CLI
Frequency Band	2.4 GHz
Capacity	Maximum number of configured SSIDs: 8
Status Indicators	System
Features	Syslog support, manageable, E-mail alert, MAC address filtering, wall mountable, Wi-Fi Multimedia (WMM) support, Quality of Service (QoS), Multiple SSID support, reset button, ceiling mountable, security lock slot (cable lock sold separately)
Encryption Algorithm	128-bit WEP, 64-bit WEP, 152-bit WEP, WPA, WPA-PSK, WPA2-PSK, WPA2-Enterprise
Authentication Method	RADIUS
Compliant Standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.1x, IEEE 802.11n

Aerial

Antenna	Internal
Antenna Qty	2
Directivity	Omni-directional
Gain Level	3 dBi

Expansion / Connectivity

Interfaces	1 x 100Base-TX (PoE) - RJ-45
------------	------------------------------

Miscellaneous

Included Accessories	PoE injector, wall mounting kit
Compliant Standards	FCC, RoHS

Power

Power Over Ethernet (PoE) Supported	PoE
Power Device	External power adapter
Power Consumption Operational	7.7 Watt

Software / System Requirements

Software Included	Drivers & Utilities
OS Required	Microsoft Windows Vista / XP / 7 / 8

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 90% (non-condensing)

* Techdata is not responsible for the errors in the documentation of products