



Omada

Business Class Wi-Fi Solution

Omada Cloud Controller:
OC200

Omada EAP Series:
EAP245/EAP225/EAP225-Outdoor/EAP235-Wall/EAP225-Wall
EAP115/EAP110/EAP110-Outdoor/EAP115-Wall



Omada Software Controller



EAP245 V3/EAP225 V3
EAP115/EAP110



EAP225-Outdoor
EAP110-Outdoor



EAP115-Wall



EAP235-Wall
EAP225-Wall

Omada Solution



Business-Class Wi-Fi Solution

Omada provides a business-class wireless network solution that's flexible, manageable, secure, and easy-to-deploy. Featuring cloud access, Omada Cloud Controller or Omada Software Controller allow users to centrally manage the entire Omada networks in the remote site. And the intuitive Omada app makes network management incredibly convenient. Omada EAPs also feature captive portal and advanced RF management functions, which make them ideal for demanding, high-traffic environments such as campuses, hotels, malls and offices.

Highlights

Impressive Performance

Enterprise-class chipsets, 802.11ac Wi-Fi standard, MU-MIMO, Seamless Roaming, and Mesh combine to ensure outstanding performance and reliability.

Centralized Management

Omada Cloud Controller or Omada Software Controller allows users to centrally manage the entire Omada networks.

Cloud Service

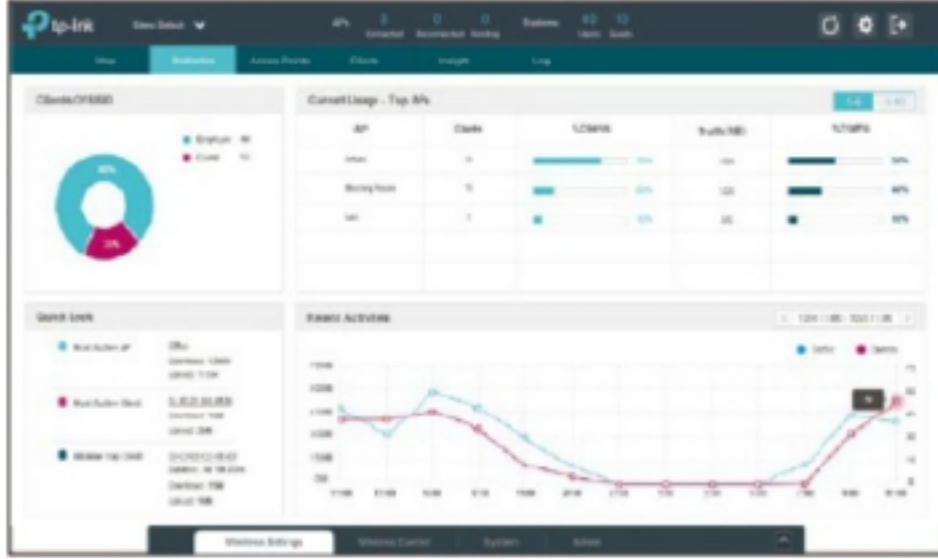
Remotely manage the whole network from anywhere, at any time.

Easy to Use

No special training required to use the Omada products with the user-friendly and intuitive design.

Omada Controller

Omada provides both software controller and hardware controller to centrally manage the entire Omada networks.



Omada Software Controller
(Running on a PC or Server)



Omada Cloud Controller
(Built in Software Controller)

Convenient, Effective Management

Cloud Management – Anywhere, Anytime

Omada Software Controller and Omada Cloud Controller allow network administrators to remotely monitor and manage the entire Omada networks. This dramatically enhances scalability and makes remote network management more convenient.



Captive Portal - Customizable Guest Authentication

Captive portal helps maintain only authorized guests to use the network, presenting devices with a convenient, user-friendly authentication method to grant Wi-Fi access. The addition of SMS and Facebook authentication simplifies the captive portal even further to simplify connectivity and boost your business.

Scheduling

Automatically reboot the access point and turn on or off the Wi-Fi at the time you set.

Client Management

Real-time monitor the clients' status, limit the clients' bandwidth and block untrusted clients to ensure a better overall network performance.

Real-Time Status Monitoring

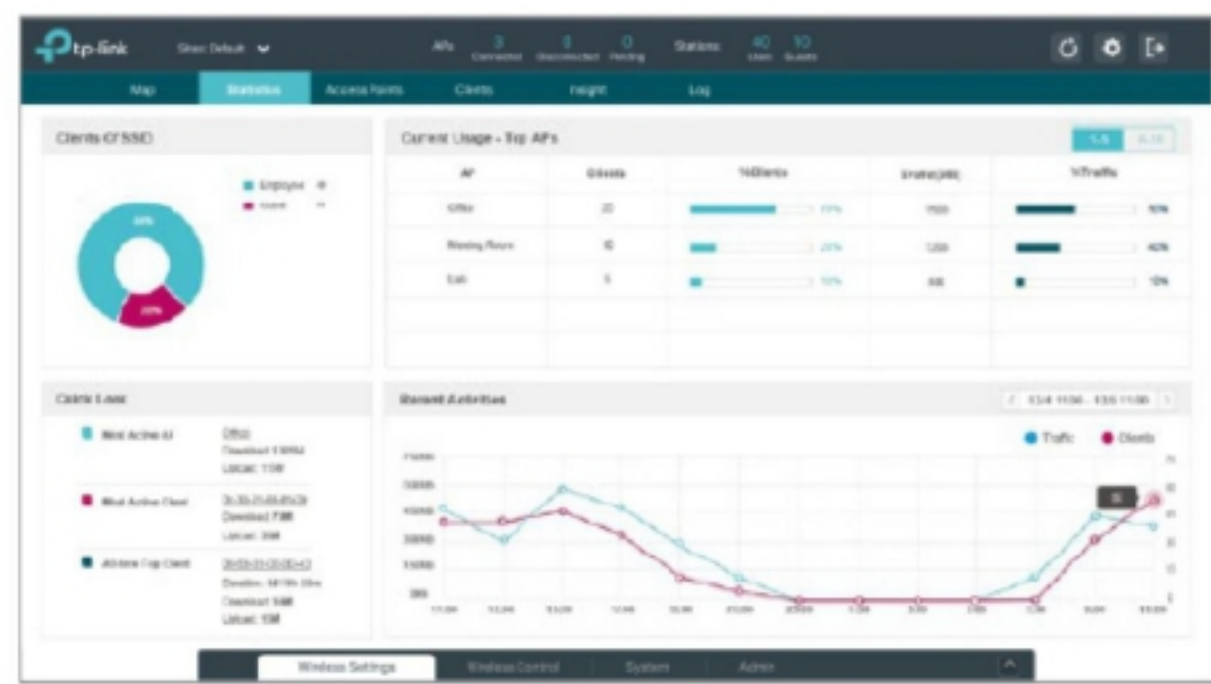
Customized Map

The customized map feature makes managing your EAP network more convenient. You can upload floor plans and create a clear visual model that reflects your network and its coverage area.



Statistics

The built-in data visualization tools allow you to analyze network traffic statistics for all connected APs. Graphic representations make recent client and network traffic figures easier to understand.



Access Point

Provides a list of all EAPs, arranged by status, and offers real-time traffic data for each EAP, including the number of connected clients and the amount of data that each client consumes.

Client

Lists all clients, including users and guests, allowing you to view each client's basic information and statistics in real time. This includes data rate, active time, and download/upload traffic.

Omada APP

Network management has never been easier with the intuitive Omada app offering powerful management tools from the palm of your hands.



EAP Product Features

Easy-Mount Design

The Ceiling Mount EAP's elegant appearance and easy-mount design promote fast installation on any wall or ceiling surface, and allow it to blend in seamlessly with most interior decorating styles. The slimline, inconspicuous Wall Plate EAP can be easily installed into any standard EU/US wall junction box and 86 mm wall junction box.

PoE Power Supply

With IEEE 802.3af/at PoE or Passive PoE, you can use Ethernet cables to transfer both electrical power and network data, making deployment more flexible and removing the need to install additional power cabling.

Business-Class Hardware Design

Enterprise-class chipsets offer outstanding performance and support longer running time, higher client capacity and greater range. Dedicated high-power amplifiers, specialized antennas and professionally designed RF shields ensure excellent wireless performance.

Seamless Roaming¹

802.11k and 802.11v seamless roaming provide seamless switching to the access point with optimal signal when moving between APs.

Mesh²

Omada Mesh technology enables wireless connectivity between access points for extended range, making wireless deployments more flexible and convenient.

Advanced RF Management

MU-MIMO, Airtime Fairness, Beamforming, and Band Steering Technologies guarantee optimal RF performance for business-level applications.

Easy Centralized Management

Configure and monitor hundreds of Omada EAPs with ease using the Omada software controller.

1. Only EAP245 V3, EAP225 V3 and EAP225-Outdoor support seamless roaming.
2. Only the EAP225-Outdoor and EAP 225 v3 with specific firmware are available for Mesh. EAP245 V3 will support mesh soon.

802.11ac Outdoor Access Point

Model		EAP225-Outdoor
Name		AC1200 Wireless MU-MIMO Gigabit Indoor/Outdoor Access Point
Main Design	LAN Interfaces	2 X 10/100/1000 Mbps Ethernet *
	Wireless Frequency	2.4 GHz/5 GHz
	Wi-Fi Standards	IEEE 802.11a/b/g/n/ac
	Maximum Data Rate	Up to 300 Mbps (2.4 GHz) + 867 Mbps (5 GHz)
	Antennas	2 Dual-Band Omni Antennas (External Detachable) 2.4 GHz: 5 dBi; 5 GHz: 5 dBi
	Transmit Power	27 dBm (2.4 GHz, EIRP), 32 dBm (5 GHz, EIRP)
Centralized Management	Omada Software Controller	•
	Management	SNMP, Telnet, SSH, HTTP, HTTPS
	Transmission Range	Outdoor/Indoor: 150m or better (with clear line of sight)
Security	Water - Marking	•
	Access Control	•
	Wireless MAC Address Filtering	•
	Wireless Isolation between Clients	•
	SSID to VLAN Mapping	•
	Rogue AP Detection	•
	WEP Encryption	64/128/152-bit
	WPA/WPA2-Personal Encryption	•
	WPA/WPA2-Enterprise Encryption	•
	WPA-PSK/WPA2-PSK, WPS	•
Wireless Function	Multiple SSIDs	16 (8 for each band)
	Enable/Disable Wireless Radio	•
	Automatic Channel Assignment	•
	Transmit Power Control	Adjust transmit Power on dBm
	QoS(WMM)	•
	MU-MIMO	•
	Seamless Roaming	•
	Mesh (802.11s)	•
	Airtime Fairness	•
	Beamforming	•
	Band Steering	•
	Rate Limit	•
	Load Balance	•
	RADIUS Accounting	•
	MAC Authentication	•
	Reboot Schedule	•
	Wireless Schedule	•
Wireless Statistics	Based on SSID/API/Client	
Support Data Rates	802.11ac	5 GHz: 6.5 Mbps to 867 Mbps (MCS0-MCS9, NSS=1 to 2 VHT20/40/80)
	802.11n	2.4GHz: 6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40)
	802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
	802.11b	1, 5, 11 Mbps
	802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
Physical Properties	Power Supply	802.3af PoE or 24 V Passive PoE(+4,5 pins; -7,8 pins.) (1 LAN + 1 LAN PoE Port), DC JACK 5V to 48V
	Maximum Power Consumption	9W
	Mounting	Pole/Wall/Fast Mounting (Kits included)
	Certifications	CE, FCC, RoHS, UL/EN/IS
	Dimensions (W x D x H)	214.9 x 46 x 26.7 mm
	Environment	Operating Temperature: -30 °C–70 °C (-22 °F–158 °F) Storage Temperature: -40 °C–70 °C (-40 °F–158 °F) Operating Humidity: 10%–90% non-condensing Storage Humidity: 5%–90% non-condensing

*Specifications are subject to change without notice. TP-Link is a registered trademark of TP-Link Technologies Ltd. and its overseas subsidiaries. All other trademarks belong to their respective owner. *Port Provided by PoE/DC JACK
Device Specifications may vary differ from Region to Region based on regulatory approval / Customer Requirement
Please check local authority for more detail. Some specifications are developed for specific project requirement and may not be part of standard product offering
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