



Omada

Business Class Wi-Fi Solution

Omada Cloud Controller:

OC200

Omada EAP Series:

EAP330/EAP320/EAP245/EAP225/EAP225-Outdoor

EAP115/EAP110/EAP110-Outdoor/EAP115-Wall/EAP225-Wall



Omada Software Controller



EAP330/EAP320
EAP245 V3/EAP225 V3
EAP115/EAP110



EAP225-Outdoor
EAP110-Outdoor



EAP115-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 OC200 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 OC200 or Omada Software Controller allows users to centrally manage the entire Omada networks.

Free Cloud Service

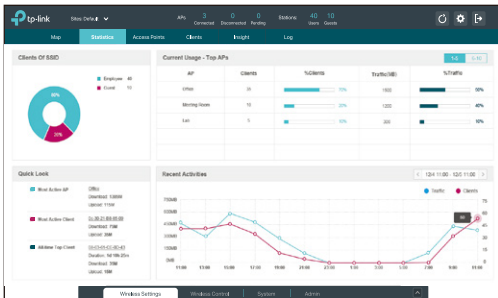
Remote management via the cloud is totally free and stays that way – no license or maintenance fees.

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—OC200
(Built in Software Controller)

Convenient, Effective Management

Free Cloud Management – Anywhere, Anytime

The Omada Controller (OC200 and Software Controller) allows 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.

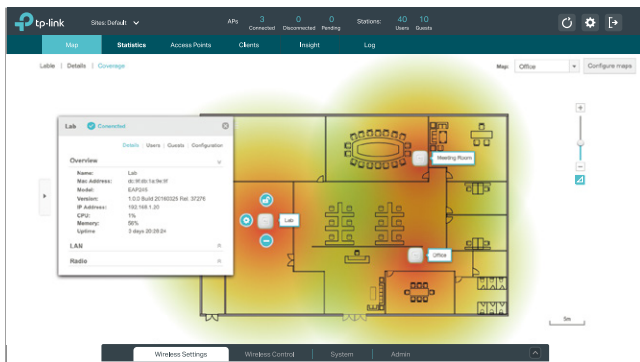
Client Management

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

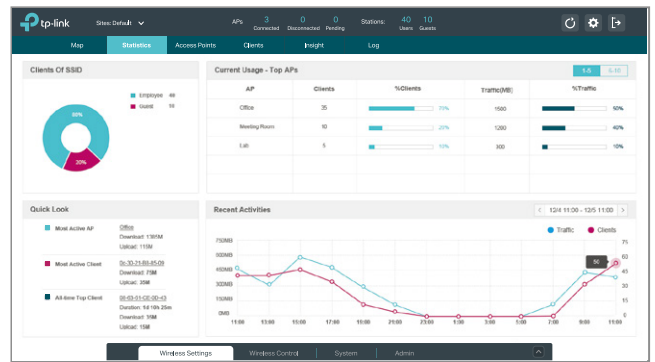
Customized Map

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.



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-type Ethernet wall 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 EAP225-Outdoor supports Mesh.

802.11n Outdoor Access Points

Model		EAP110-Outdoor
Name		300Mbps Wireless N Outdoor Access Point
Main Design	LAN Interfaces	10/100Mbps Ethernet Port x 1
	Wireless Frequency	2.4GHz
	Wi-Fi Standards	IEEE 802.11b/g/n
	Maximum Data Rate	Up to 300Mbps
	Antennas	2 x 3 dBi
	Transmit Power	CE: < 20dBm (EIRP), FCC: < 22dBm
Centralized Management	Omada Controller Software	•
	Omada Cloud Controller OC200	•
	Omada app	•
Security	Captive Portal Authentication	•
	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	•
	802.1X Support	•
Wireless Function	Multiple SSIDs	8
	Enable/Disable Wireless Radio	•
	Automatic Channel Assignment	•
	Transmit Power Control	Adjust transmit Power on dBm
	QoS(WMM)	•
	Rate Limit	•
	Load Balance	•
	Reboot Schedule	•
	Wireless Schedule	•
	Wireless Statistics	Based on SSID/AP/Client
Support Data Rates	802.11n	6.5 Mbps to 300Mbps (MCS0-MCS15,VHT20/40)
	802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
	802.11b	1, 5.5, 11 Mbps
	802.11a	-
Management	LED ON/OFF Control	•
	Management MAC Access Control	•
	Web-based Management	HTTP/HTTPS
	Telnet	•
	SNMP	v1,v2c
	System Logging	Local/Remote Syslog
	Email Alerts	•
Physical & Environment	Power Supply	24V Passive PoE (+4,5pins; -7,8pins. PoE Adapter Included)
	Maximum Power Consumption	3.1W
	Button	Reset Button
	Mounting	Pole/Wall mounting (Kits included)
Others	Certifications	CE,RoHS
	Dimensions (W x D x H)	216 x 46 x 27mm
	Environment	Operating Temperature: -30°C-65°C (-22°F-149°F) Storage Temperature: -40°C-70°C (-40°F-158°F) Operating Humidity: 10%-90% non-condensing Storage Humidity: 5%-90% non-condensing