



# **Omada Solution**





Omada Controller Software

## **Business-Class Wi-Fi Solution**

Omada access points provide a business-class wireless network solution that's flexible, manageable, secure, and easy-to-deploy. The Omada Controller software allows users to manage hundreds of EAPs at multiple sites, all from a single location. The ability to control, adjust and visualize the entire network from any connected PC makes centralized business Wi-Fi management more efficient than ever before. 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 Technology, and TurboQAM combine to ensure outstanding performance and reliability.

#### Centralized Management:

The Omada Controller software allows users to easily manage hundreds of Omada EAPs.

## Extensive Scalability:

With the ability to manage hundreds of access points at once, simply add more EAPs at any time to expand the network.

#### Cost Efficiency:

The Omada Controller software eliminates the need for expensive hardware controllers.

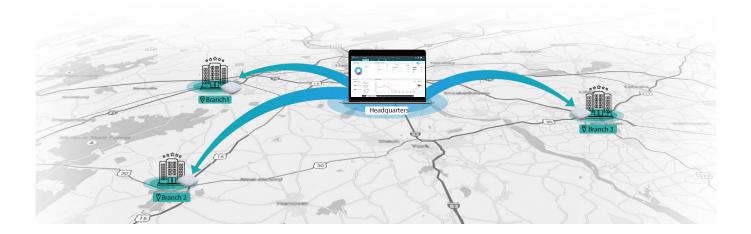
# Omada Controller

Convenient: Support Real-Time Monitoring and Remote Management Easy: No Special Training Required

# Convenient, Effective Management

## Manage Multiple Sites from a Single Location

The Omada Controller software allows network administrators to monitor and manage hundreds of Omada EAPs at multiple sites, from any connected PC within the network. 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.

#### Scheduled Reboot

With the scheduled reboot function, Omada EAPs can reboot themselves automatically at specified time to ensure network stability.

#### Access Control

Access control allows you to maintain a list of blocked IPs, which helps to protect internal communications and private data on the network.

# 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.



## 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.

#### 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.

Мар	Statistics Acce	ss Points Clients	Insight	Log		
Clients Of SSID		Current Usage - Top	APs			18 61
	Employee 40	AP	Clients	%Clients	Trame(MB)	%Traffic
105	Guest 18	Office	35	- 23%	1500	
		Meeting Room	10	22%	1290	-
		Le	5	<b>a</b>	300	
Quick Look	Office	Recent Activities				< 12/4 11:00 - 12/5 11:00
Most Active AP	Office Developed 1385M					Traffic  Clients
	Ubload: 115M	750MB				
Most Active Client	0:-33-21-88-85-09 Dewrload: 75M Upcad: 35M	450MB	ad	~		× ×
All-lame Top Client	01-53-01-CE-0D-43 Duration: 5d 10h 25m Dewnload: 35M Usicad: 15M	150NB 0M0 11:00 13:00	15:00 17:00	16:00 20:00 23:00 1	0 0 0 1:30 1:00 5:00	7:00 9:00 11:0

## 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.

## **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.

#### 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 Controller software.

# Omada Business Class Wi-Fi Solution

#### 802.11ac Access Points

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Picture	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	*	(Prov	ø		φ
Model	EAP330	EAP320	EAP245	EAP225 V3	EAP225-Outdoor	EAP225-Wall
Product	AC1900 Wireless Dual Band Gigabit Access Point	AC1200 Wireless Dual Band Gigabit Access Point	AC1750 Wireless Dual Band Gigabit Access Point	AC1350 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1200 Wireless MU-MIMO Gigabit Indoor/Outdoor Access Point	AC1200 Wireless MU- MIMO Wall Plate Access Point
Speed	2.4GHz: 600Mbps 5GHz: 1300Mbps	2.4GHz: 300Mbps 5GHz: 867Mbps	2.4GHz: 450Mbps 5GHz: 1300Mbps	2.4GHz: 450Mbps 5GHz: 867Mbps	2.4GHz: 300Mbps 5GHz: 867Mbps	2.4GHz: 300Mbps; 5GHz: 867Mbps
Ethernet Port	2 Gigabit Ports	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	1 Gigabit Port	Ethernet Port: 4 10/100Mbps Ethernet ports
Power Supply	802.3at PoE +	802.3at PoE +	802.3at PoE +	802.3af & 24V Passive PoE	802.3af & 24V Passive PoE	802.3af/at
Internal Antennas	2.4GHz: 3x6dBi 5GHz: 3x7dBi	2.4GHz: 2x5dBi 5GHz: 2x6dBi	2.4GHz: 3x4dBi 5GHz: 3x4dBi	2.4GHz: 3x4dBi 5GHz: 2x5dBi	2 Dual-Band Omni Antennas 2.4GHz: 2*3dBi 5GHz: 2*4dBi	2.4GHz: 2x3dBi 5GHz:2x4dBi

#### 802.11n Access Points

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Picture		ø		Prose
Model	EAP115	EAP110	EAP110-Outdoor	EAP115-Wall
Product	300Mbps Wireless N Access Point	300Mbps Wireless N Access Point	300Mbps Wireless N Outdoor Access Point	300Mbps Wireless N Wall- Plate Access Point
Speed	2.4GHz: 300Mbps	2.4GHz: 300Mbps	2.4GHz: 300Mbps	2.4GHz: 300Mbps
Ethernet Port	1 10/100Mbps Ethernet Port	1 10/100Mbps Ethernet Port	1 10/100Mbps Ethernet Port	2 10/100Mbps Ethernet Ports
Power Supply	802.3af & 9V/0.6A DC	24V Passive PoE	24V Passive PoE	802.3af
Internal Antennas	2x4dBi	2x4dBi	2x3dBi (External Detachable)	2x1.8dBi

# Specifications

Model		EAP330	EAP320	
Model				
Name		AC1900 Wireless Dual Band Gigabit Access Point	AC1200 Wireless Dual Band Gigabit Acces Point	
LAN Interfaces		Gigabit Ethernet (RJ-45) Port *2 Gigabit Ethernet (RJ-45) Port *1		
	Wi-Fi Standards	IEEE 802.11a/b/g/n/ac	1	
Main Design	Maximum Data Rate	Up to 600Mbps (2.4GHz) + 1300Mbps (5GHz)	Up to 300 Mbps (2.4GHz) + 867Mbps (5GHz	
Main Design	Internal Antennas	2.4GHz: 3 * 6dBi, 5GHz: 3 * 7dBi	2.4GHz: 2 * 5dBi, 5GHz: 2 * 6dBi	
	Transmit Power	CE: <20dBm (2.4GHz, EIRP), <23dBm (5GHz, EIRP) FCC: <29dBm	CE: <20dBm (2.4GHz, EIRP), <23dBm (5GHz, EIRP) FCC: <26dBm	
Centralized Management	Omada Controller Softaware	•		
	Access Control	•		
	Rogue AP Detection	•		
	Wireless Encryption	WEP, WPA/WPA2-Personal/Enterprise Encrypt	ion	
	802.1X Support	•		
	Multiple SSIDs	16 (8 on each radio)		
Automatic Channel Assignment		•		
Wireless Function	QoS(WMM)	•		
	Airtime Fairness	•		
	Beamforming	•		
	Band Steering	•		
	Rate Limit	•		
	Load Balance	•		
	Reboot Schedule	•		
	Wireless Schedule	•		
Support Data	802.11ac	5GHz: 6.5 Mbps to 1300Mbps (MCS0- MCS9, NSS = 1 to 3 VHT20/40/80) 2.4GHz(QAM256): 78Mbps to 600Mbps (MCS8-MCS9 VHT20/40, NSS=1 to 3)	5GHz: 6.5 Mbps to 867Mbps (MCS0-MCS9 NSS = 1 to 3 VHT20/40/80) 2.4GHz(QAM256): 78Mbps to 300Mbps (MCS8-MCS9 VHT20/40, NSS=1 to 3)	
Support Data Rates	802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15, VHT 20/40)		
	802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps		
	802.11b	1, 2, 5.5, 11 Mbps		
	802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps		
	Power Supply	PoE (802.3at-compliant, 36-57V 0.7A)or external 12VDC/2.5A power supply	PoE (802.3at-compliant, 36-57V 0.7A)or external 12VDC/1.5A power supply	
	Maximum Power Consumption	17.7W	14.03W	
	Mounting	Ceiling/Wall mounting (Kits included)		
Physical &	Certifications	CE, FCC, RoHS		
Environment	Dimensions (W x D x H)	8.7 x 7.6 x 1.4in. (220.5 x193.5x 36.5 mm)		
		Operating Temperature: 0°C~40°C (32°F~104°	F);	
	Environment	Storage Temperature: -40°C~70°C (-40°F~158°F); Operating Humidity: 10%~90% non-condensing;		

Model		EAP245	EAP225 V3	
Name		AC1750 Wireless Dual Band Gigabit Access Point	AC1350 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	
	LAN Interfaces	Gigabit Ethernet (RJ-45)Port*1		
	Wi-Fi Standards	IEEE 802.11a/b/g/n/ac		
	Maximum Data Rate	Up to 450 Mbps (2.4GHz) + 1300Mbps (5GHz)	Up to 450 Mbps (2.4GHz) + 867Mbps (5GHz)	
Main Design	Internal Antennas	2.4GHz: 3 * 4dBi, 5GHz: 3 * 4dBi	2.4GHz: 3 * 4dBi, 5GHz: 2 * 5dBi	
	Transmit Power	CE: <20dBm (2.4GHz, EIRP), <23dBm (5GHz, EIRP) FCC: <20dBm (2.4GHz),<27dBm (5GHz)	CE: <20dBm (2.4GHz, EIRP), <23dBm (5GHz, EIRP) FCC: <24dBm(2.4GHz),<22dBm(5GHz	
Centralized Management	Omada Controller Softaware	•	1	
	Captive Portal Authentication	•		
Security	Access Control	•		
	Rogue AP Detection	•		
	Wireless Encryption	WEP, WPA/WPA2-Personal/Enterprise En	cryption	
	802.1X Support	•		
	Multiple SSIDs	16 ( 8 on each band )		
	Automatic Channel Assignment	•		
	QoS(WMM)	•		
	MU-MIMO	-	•	
Wireless	Airtime Fairness	-	•	
Function	Beamforming	-	•	
	Band Steering	•	•	
	Rate Limit	•		
	Load Balance	•		
	Reboot Schedule	•		
	Wireless Schedule	•		
	802.11ac	5G:6.5 Mbps to 1300Mbps(MCS0- MCS9,NSS = 1 to 2 VHT20/40/80) 2.4G:78Mbps to 450Mbps (MCS8- MCS9 VHT20/40,NSS=1 to 3)	5G:6.5 Mbps to 867Mbps(MCS0- MCS9,NSS = 1 to 2 VHT20/40/80) 2.4G:78Mbps to 450Mbps (MCS8- MCS9 VHT20/40, NSS=1 to 3)	
Support Data Rates	802.11n	6.5 Mbps to 450Mbps (MCS0- MCS15,VHT20/40)	6.5 Mbps to 450 Mbps (MCS0 - MCS15, VHT 20/40)	
	802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps		
	802.11b	1, 5.5, 11Mbps		
	802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps		
	Power Supply	PoE (802.3at-compliant, 36-57V 0.4A) or external 12VDC/1.5A power supply	802.3af/A PoE or 24V Passive PoE (+4,5pins; -7,8pins. PoE Adapter Included)	
	Maximum Power Consumption	12.7W	12.6W	
Dhucies! 9	Mounting	Ceiling/Wall mounting (Kits included)		
Physical & Environment	Certifications	CE, FCC, RoHS		
Livionnent	Dimensions (W x D x H)	7.1 x 7.1 x 1.9in.(180 x 180 x 47.5mm)	205.4 x 181.6 x 37.4mm	
	Environment	7.1 x 7.1 x 1.9in.(180 x 180 x 47.smin) 205.4 x 181.6 x 37.4min   Operating Temperature: 0°C~40°C (32°F~104°F);   Storage Temperature: -40°C~70°C (-40°F~158°F);   Operating Humidity: 10%~90% non-condensing;		

Model		EAP115	EAP110	
		300Mbps Wireless N	300Mbps Wireless N	
Name		Access Point	Access Point	
	LAN Interfaces	10/100Mbps Ethernet Port*1		
	Wireless Frequency	2.4GHz	4GHz	
Main Design	Wi-Fi Standards	IEEE802.11b/g/n		
	Maximum Data Rate	300 Mbps		
	Internal Antennas	2 * 4dBi		
	Transmit Power	CE: < 19dBm (EIRP), FCC: <21dBm		
Centralized Management	Omada Controller Softaware	•		
	Captive Portal Authentication	•		
	Access Control	•		
Security	Rogue AP Detection	•		
	Wireless Encryption	WEP, WPA/WPA2-Personal/Enterprise End	cryption	
	802.1X Support	•		
Multiple SSIDs		8		
	Automatic Channel			
	Assignment			
	QoS(WMM)	•		
Wireless	Airtime Fairness -			
Function	Beamforming	-		
1 dilotion	Band Steering	-		
	Rate Limit	•		
	Load Balance	•		
	Reboot Schedule	•		
	Wireless Schedule	•		
	802.11n	6.5 Mbps to 300 Mbps (MCS0 - MCS15, \	/HT 20/40)	
Support Data	802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps		
Rates	802.11b	1, 2, 5.5, 11 Mbps		
	802.11a	-		
	Power Supply	PoE (802.3af-compliant, 36-57V 0.15A) or external 9V / 0.6A DC power supply	24V Passive PoE (+4,5pins; -7,8pins. PoE Adapter Included)	
	Maximum Power Consumption	2.8W		
	Mounting	Ceiling/Wall mounting (Kits included)		
Physical &	Certifications	CE, FCC, RoHS		
Environment	Dimensions (W x D x H)	189.4 x 172.3 x 29.5mm		
		Operating Temperature: 0°C~40°C (32°F~		
	Environment	Storage Temperature: -40°C~70°C (-40°F		
		Operating Humidity: 10%~90% non-condensing;		
		Storage Humidity: 5%~90% non-condensing;		

Model		EAP225-Outdoor		
Name		AC1200 Wireless MU-MIMO Gigabit Indoor/Outdoor Access Poin		
	LAN Interfaces	Gigabit Ethernet(RJ-45) Port*1		
	Wireless Frequency	2.4GHz/5GHz		
	Wi-Fi Standards	IEEE 802.11a/b/g/n/ac		
Main Design	Maximum Data Rate	Up to 300Mbps(2.4GHz)+867Mbps(5GHz)		
	Antennas	2 Dual-Band Omni Antennas (2.4G: 3dBi, 5G: 4dBi)		
	T	CE: < 20dBm (2.4GHz, EIRP), <25dBm (5GHz, EIRP)		
	Transmit Power	FCC: <23dBm (2.4GHz), <22dBm (5GHz)		
Centralized Management	Omada Controller Softaware	•		
	Captive Portal Authentication	•		
	Access Control	•		
	Wireless MAC Adress Filtering	•		
	Wireless Isolation between Clients	•		
	SSID to VLAN Mapping	•		
Security	Rogue AP Detection	•		
	WEP Encryption	64/128/152-bit		
	WPA/WPA2-Personal Encryption	•		
	WPA/WPA2-Enterprise Encryption	•		
	802.1X Support	•		
	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	•		
All solutions Enclosed	Airtime Fairness	•		
Wireless Function	Beamforming	•		
	Band Steering	•		
	Rate Limit	•		
	Load Balance	•		
	Reboot Schedule	•		
	Wireless Schedule	•		
	Wireless Statistics	Based on SSID/AP/Client		
	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		
Support Data Rates	802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps		
		5G: 6.5 Mbps to 867Mbps (MCS0-MCS9, NSS=1 to 2		
	802.11ac	VHT20/40/80)		
	002.1100			
		2.4G: 78 Mbps to 300Mbps (MCS8-MCS9, NSS=1 to 3 VHT20/4		
	Power Supply	802.3af/A PoE or 24V Passive PoE(+4,5pins; -7,8pins. PoE Adapte Included)		
	Maximum Power Consumption	10.5W		
	Mounting	Pole / Wall /Fast Mounting( Kits included)		
	Certifications	CE, FCC, RoHS		
Physical Properties	Dimensions (W $\times$ D $\times$ H)	214.9 x 46 x 26.7mm		
		Operating Temperature: -30°C~70°C (-22°F~158°F)		
		Storage Temperature: -40°C~70°C (-40°F~158°F)		
	Environment	Operating Humidity: 10%~90% non-condensing		
		Storage Humidity: 5%~90% non-condensing		

4 1 1		
Model		EAP110-Outdoor
Name		300Mbps Wireless N Outdoor Access Point
	LAN Interfaces	10/100Mbps Ethernet Port*1
-	Wireless Frequency	2.4GHz
Main Design	Wi-Fi Standards	IEEE 802.11b/g/n
-	Maximum Data Rate	Up to 300Mbps
-	Antennas	2*3 dBi
	Transmit Power	CE: < 20dBm (EIRP), FCC: < 22dBm
Centralized Management	Omada Controller Softaware	•
-	Captive Portal Authentication	•
-	Access Control	•
	Wireless MAC Adress Filtering	•
-	Wireless Isolation between Clients	•
Security	SSID to VLAN Mapping	•
	Rogue AP Detection	•
	WEP Encryption	64/128/152-bit
	WPA/WPA2-Personal Encryption	•
	WPA/WPA2-Enterprise Encryption	•
	802.1X Support	•
	Multiple SSIDs	8
	Enable/Disable Wireless Radio	•
-	Automatic Channel Assignment	•
-	Transmit Power Control	Adjust transmit Power on dBm
All sectors Encoding	QoS(WMM)	•
Wireless Function	Rate Limit	•
	Load Balance	•
-	Reboot Schedule	•
-	Wireless Schedule	•
-	Wireless Statistics	Based on SSID/AP/Client
	802.11n	6.5 Mbps to 300Mbps (MCS0-MCS15,VHT20/40)
-	802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
Support Data Rates	802.11b	1, 5.5, 11 Mbps
-	802.11a	-
	LED ON/OFF Control	•
-	Management MAC Access Control	•
	Web-based Management	HTTP/HTTPS
Management	Telnet	•
	SNMP	v1.v2c
-	System Logging	Local/Remote Syslog
	Email Alerts	•
	Power Supply	24V Passive PoE (+4,5pins; -7,8pins. PoE Adapter Included)
-	Maximum Power Consumption	3.1W
Physical & Environment	Button	Reset Button
-	Mounting	Pole/Wall mounting (Kits included)
	Certifications	CE,RoHS
-		
	Dimensions (W x D x H)	216 x 46 x 27mm
Others		Operating Temperature: -30°C~65°C (-22°F~149°F);
	Environment	Storage Temperature: -40°C~70°C (-40°F~158°F);
		Operating Humidity: 10%~90% non-condensing; Storage Humidity: 5%~90% non-condensing;

Mar al al a		
Model		EAP115-Wall
Name		300Mbps Wireless N Wall-Plate Access Point
-	LAN Interfaces	10/100Mbps Ethernet Port *2
	Wireless Frequency	2.4GHz
-	Wi-Fi Standards	IEEE 802.11 b/g/n
Main Design	Maximum Data Rate	Up to 300Mbps
-	Antennas	2*1.8dBi
	Transmit Power	CE: < 20dBm
	Power over Ethernet (PoE)	IEEE 802.3af
Centralized Management	Omada Controller Softaware	•
-	Captive Portal Authentication	•
	Access Control	•
-	Wireless MAC Adress Filtering	•
Security	Wireless Isolation between Clients	•
coounty	SSID to VLAN Mapping	•
	Rogue AP Detection	•
	802.1X Support	•
	Encryption	WEP, WPA/WPA2-PSK, WPA/WPA2-Enterprise
	Multiple SSIDs	8
	Automatic Channel Assignment	•
	Transmit Power Control	Adjust transmit Power on dBm
	QoS(WMM)	•
	Airtime Fairness	-
Wireless Function	Band Steering	-
-	Beamforming	-
	Rate Limit	•
	Load Balance	•
	Reboot Schedule	•
-	Wireless Schedule	•
	802.11n	6.5Mbps to 300Mbps(MCS0-MCS15, HT20/40)
	802.11g	6,9,12,18,24,36,48,54Mbps
Support Data Rates	802.11b	1,2,5.5,11Mbps
-	802.11a	-
	LED ON/OFF Control	•
-	Management MAC Access Control	•
-	Web-based Management	•
Management	Telnet	•
Ŭ.	SNMP	v1,v2c
	System Logging	Local/Remote Syslog
-	Email Alerts	•
	Power Supply	IEEE 802.3af PoE
Physical & Environment	Maximum Power Consumption	2.8W
, <u>.</u>	Mounting	Wall Plate Mouting
	Certifications	CE,RoHS
-	Dimensions (W x D x H)	3.4 × 3.4 × 1.2 in. (86.8 × 86.8 × 30.2 mm)
-		Operating Temperature: 0°C~40°C (32°F~104°F);
Others		Storage Temperature: -40°C~70°C (-40°F~158°F);
	Environment	Operating Humidity: 10%~90% non-condensing;
		Storage Humidity: 5%~90% non-condensing;

Model		EAP225-Wall		
Name		AC1200 Wireless MU-MIMO Wall Plate Access Point		
		Uplink: 1 * 10/100Mbps		
	LAN Interfaces	Downlink: 3 * 10/100Mbps(one port supports PoE Out)		
	Wireless Frequency	2.4GHz & 5GHz		
-	Wi-Fi Standards	IEEE 802.11a/b/g/n/ac		
	Maximum Data Rate	Up to 300Mbps(2.4GHz)+867Mbps(5GHz)		
Main Design	Antennas	2.4GHz: 2 * 3dBi, 5GHz: 2 * 4dBi		
	Transmit Power	CE: <20dBm (2.4GHz, EIRP) <23dBm (5GHz, EIRP) FCC: <21dBm (2.4GHz) <21dBm (5GHz)		
	Power over Ethernet (PoE)	802.3af/at		
Centralized Management	Omada Controller Softaware	•		
	Captive Portal Authentication	•		
	Access Control	•		
	Wireless MAC Adress Filtering	•		
Security	Wireless Isolation between Clients	•		
Security	SSID to VLAN Mapping	•		
	Rogue AP Detection	•		
	802.1X Support	•		
	Encryption	WEP, WPA/WPA2-PSK, WPA/WPA2-Enterprise		
	Multiple SSIDs	16 (8 for each band)		
	Automatic Channel Assignment	•		
	Transmit Power Control	Adjust transmit Power on dBm		
	QoS(WMM)	•		
	MU-MIMO	•		
Wireless Function	Airtime Fairness	-		
WITEIESS FUNCTION	Band Steering	•		
	Beamforming	•		
-	Rate Limit	•		
	Load Balance	•		
-	Reboot Schedule	•		
	Wireless Schedule	•		
	802.11n	6.5Mbps to 300Mbps (MCS0-MCS15, VHT20/40)		
	802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps		
	802.11b	1, 5.5, 11Mbps		
Support Data Rates	802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps		
	802.11ac	5G: 6.5 Mbps to 867Mbps (MCS0-MCS9, NSS=1 to 2 VHT20/40/80) 2.4G: 78 Mbps to 300Mbps (MCS8-MCS9, NSS=1 to 3 VHT20/40		
	Power Supply	802.3af/at		
	Maximum Power Consumption	9.86W (Without PoE Out)		
	Mounting	Wall Plate Mouting		
	Certifications	CE, FCC, RoHS		
Physical Properties	Dimensions	143*86*20mm		
		Operating Temperature: 0°C~40°C (32°F~104°F);		
	Environment	Storage Temperature: -40°C~70°C (-40°F~158°F);		
	Environment	Operating Humidity: 10%~90% non-condensing;		
		Storage Humidity: 5%~90% non-condensing;		

Some models featured in this guide may be unavailable in your country or region. Visit TP-Link website for local sales information.

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