











EAP230-Wall EAP115-Wall



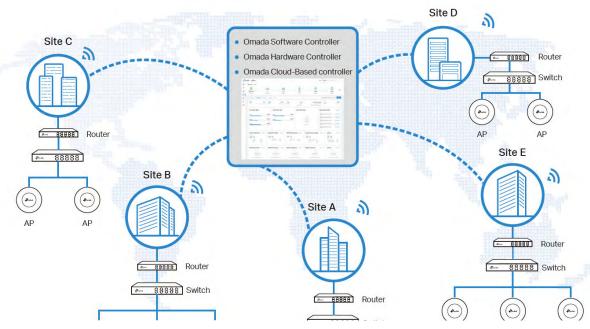
EAP235-Wall EAP225-Wall

## **Omada Solution**



## Software Defined Networking (SDN) with Cloud Access

Omada Software Defined Networking (SDN) platform integrates network devices, including access points, switches and gateways, providing 100% centralized cloud management. Omada creates a highly scalable network——all controlled from a single interface. Seamless wireless and wired connections are provided, ideal for use in hospitality, education, retail, offices, and more.

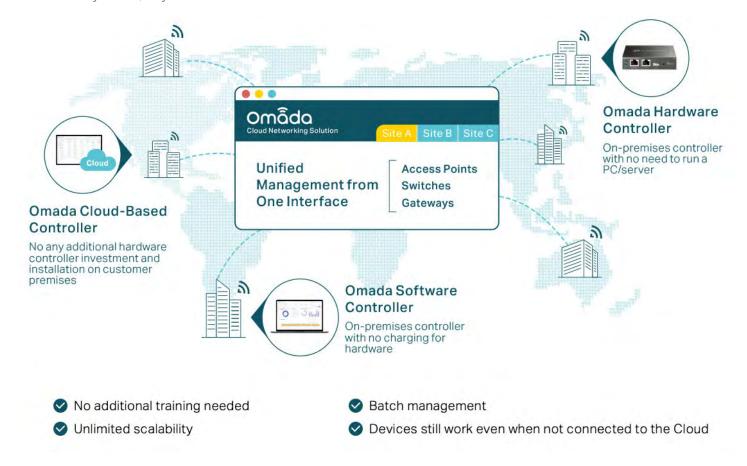






## Hassle-Free Centralized Cloud Management

100% centralized cloud management of the whole network from different sites——all controlled from a single interface anywhere, anytime.



## Zero-Touch Provisioning for Efficient Deplyment

Omada zero-touch provisioning allows remotely deployment and configuration of multi-site networks, so there's no need to send out an engineer for on-site configuration. The Omada Cloud ensures efficient deployment with lower costs.



1. Zero-Touch Provisioning is supported when using Omada-Cloud Based Controller



## Al-Driven Technology for Stronger Performance and Easy Network Maintenance

## Intelligent Network Analysis, Warning, and Optimization\*

- Analyzes potential network problems and sends optimization suggestions for higher network efficiency
- Locates network faults, warns and notify users, and generates solutions to reduce network risk



\*Intelligent Network Analysis, Warning, and Optimization are being developed and are scheduled to be released in 2020

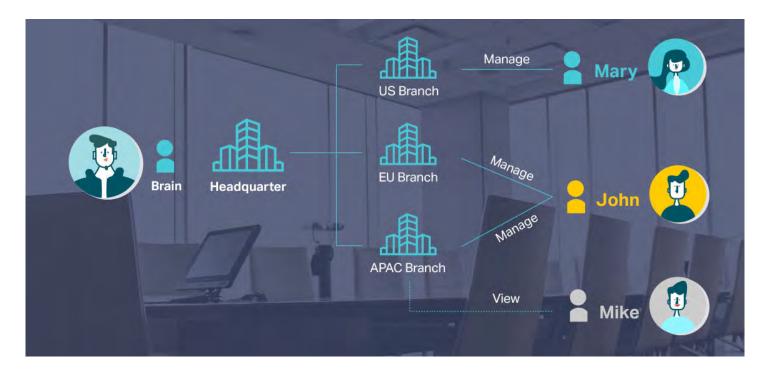
## Auto Channel Selection and Power Adjustment

Provides powerful wireless performance while greatly reducing Wi-Fi interference by automatically adjusting the channel settings and transmission power levels of neighboring APs in the same network.



## Assign Different Management Roles

Multi-user privilege assignment is available to increase management efficiency and security. Multi-person management, multi-level permissions, and the ability to add admins as needed, enable flexible network operation and maintenance.

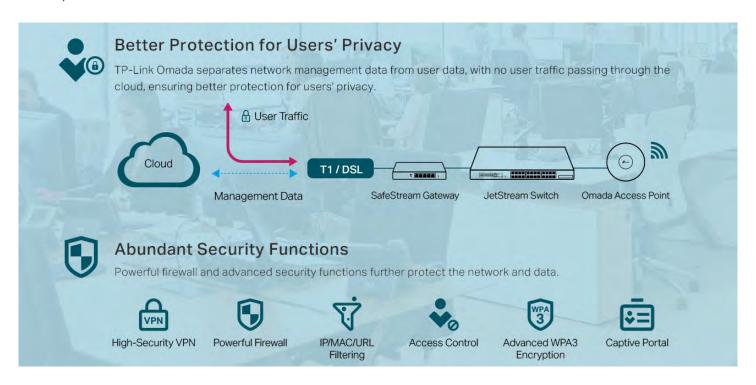


## Easy and Intelligent Network Monitoring

The easy-to-use dashboard makes it easy to see your real-time network status; check network usage and traffic distribution; receive network condition logs, abnormal event warnings, and notifications; or even track key data for better business results. Network topology helps IP admins quickly see and troubleshoot connection at a glance.



#### Comprehensive Protection for the Whole Network



## Multiple Factors Guarantee Higher Reliability

Higher reliability of cloud service is guaranteed with 99.99% SLA availability, 24/7 automated fault detection, geographically isolated backup servers, and reliable product quality. Your network functions even if management traffic is interrupted.



### Reliable Connections Even with High-Density Clients

Equipped with enterprise chipsets, dedicated antennas, advanced RF functions, auto channel selection, and power adjustment, Omada Wi-Fi 6 and Wi-Fi 5 APs have high concurrency capacities for remarkable performance in high-density environments.



## **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 or 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 Roaming

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

#### Mesh<sup>2</sup>

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

## Increased Efficiency with OFDMA<sup>3</sup>

The Wi-Fi 6 standard uses OFDMA for more efficient channel use and reduced latency. Imagine your WiFi connection as a series of delivery trucks delivering data packets to your devices. With 802.11ac Wi-Fi, each delivery truck could only deliver one parcel to one device at a time. But with OFDMA, each truck can deliver multiple parcels to multiple devices simultaneously. This vast improvement in efficiency works for both uploads and downloads.

## 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.

- 1. Only EAP660 HD, EAP620 HD, EAP265 HD, EAP245 V3, EAP225 V3, and EAP225-Outdoor support seamless roaming.
- 2. Only EAP265 HD, EAP245 V3, EAP225-Outdoor and EAP 225 v3 with specific firmware are available for Mesh.
- 3. Only EAP660 HD and EAP620 HD support OFDMA.



## EAP Product List

Ceiling Mount AP							
Picture	(pm	(and	<i>15</i>	V-	V-	b.	bi-
Model	EAP660 HD	EAP620 HD	EAP265 HD	EAP245	EAP225	EAP115	EAP110
Product	AX3600 Wireless Dual-Band Multi- Gigabit Ceiling Mount Access Point	AX1800 Wireless Dual-Band Gigabit Ceiling Mount Access Point	AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1350 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	300Mbps Wireless N Ceiling Mount Access Point	300Mbps Wireless N Ceiling Mount Access Point
Speed	2.4 GHz: 4*4 11ax, 1148 Mbps 5 GHz: 4*4 11ax, 2402 Mbps	2.4 GHz: 2*2 11ax, 574 Mbps 5 GHz: 2*2 11ax, 1201 Mbps	2.4 GHz: 450Mbps 5 GHz: 1300Mbps	2.4 GHz: 450Mbps 5 GHz: 1300Mbps	2.4 GHz: 450Mbps 5 GHz: 867Mbps	2.4 GHz: 300Mbps	2.4 GHz: 300Mbps
Ethernet Port	1 x 2.5Gbps Ethernet Port	1 x Gigabit Ethernet Port	2 x Gigabit Ethernet Port	2 x Gigabit Ethernet Port	1 x Gigabit Ethernet Port	1 x 10/100Mbps Ethernet Port	1 x 10/100Mbps Ethernet Port
Power Supply	802.3at PoE / 12V DC	802.3at PoE / 12V DC	802.3af PoE / 48 V Passive PoE	802.3af PoE / 48 V Passive PoE	802.3af PoE / 24V Passive PoE	802.3af PoE / External 9 V/0.6 A DC power supply	24V Passive PoE
Internal Antennas	2.4 GHz: 4 x 4 dBi 5 GHz: 4 x 5 dBi	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 5 dBi	2.4 GHz: 3 x 3.5 dBi 5 GHz: 3 x 4 dBi	2.4 GHz: 3 x 3.5 dBi 5 GHz: 3 x 4 dBi	2.4 GHz: 3 x 4 dBi 5 GHz: 2 x 5 dBi	2 x 4 dBi	2 x 4 dBi

Wall Plate AP					
Picture	<b>₽</b> ****	0 •	Ф»».	e- ⊙ ■	
Model	EAP235-Wall	EAP230-Wall	EAP225-Wall	EAP115-Wall	
Product	Omada AC1200 Wireless MU-MIMO Gigabit Wall Plate Access Point	Omada AC1200 Wireless MU-MIMO Gigabit Wall- Plate Access Point	Omada AC1200 Wireless MU-MIMO Wall-Plate Access Point	300Mbps Wireless N Wall-Plate Access Point	
Speed	2.4 GHz: 300 Mbps 5 GHz: 867 Mbps	2.4 GHz: 300 Mbps 5 GHz: 867 Mbps	2.4 GHz: 300 Mbps 5 GHz: 867 Mbps	2.4 GHz: 300 Mbps	
Ethernet Port	4 x 10/100/1000 Mbps RJ45 Ports	2 x 10/100/1000 Mbps RJ45 Ports	4 x 10/100 Mbps RJ45 Ports	2 x 10/100 Mbps RJ45 Ports	
Power Supply	802.3af/at PoE	802.3af/at PoE	802.3af/at PoE	802.3af PoE	
Internal Antennas	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 4 dBi	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 3.6 dBi	2.4 GHz: 2 x 3 dBi 5 GHz: 2 x 4 dBi	2 x 1.8 dBi	

Outdoor AP		
Picture		
Model	EAP225-Outdoor	EAP110-Outdoor
Product	AC1200 Wireless MU-MIMO Gigabit Indoor/Outdoor Access Point	300Mbps Wireless N Outdoor Access Point
Speed	2.4 GHz: 300Mbps 5 GHz: 867Mbps	2.4 GHz: 300Mbps
Ethernet Port	1 Gigabit RJ45 Port	1 10/100Mbps RJ45 Port
Power Supply	802.3af PoE / 24V Passive PoE	24V Passive PoE
Internal Antennas	2 Dual-Band Omni Antennas (External Detachable) 2.4 GHz: 3 dBi; 5 GHz: 4 dBi	2 Omni Antennas (External Detachable) 2.4 GHz: 3 dBi

# Specifications

Model		EAP660 HD	EAP620 HD			
Name		AX3600 Wireless Dual-Band Multi-	AX1800 Wireless Dual-Band			
	T.	Gigabit Ceiling Mount Access Point Gigabit Ceiling Mount Ac				
	LAN Interfaces	1 x 2.5Gbps Ethernet Port	1 x Gbps Ethernet Port			
	Wi-Fi Standards	IEEE 802.11ax/ac/n/g/b/a	I			
	Maximum Data Rate	1148 Mbps (2.4 GHz)	574 Mbps (2.4 GHz)			
		+2402 Mbps (5 GHz)	+1201 Mbps (5 GHz)			
M : D :	Concurrent Clients	1000+	1000+			
Main Design	Antennas	2.4 GHz: 4 x 4 dBi	2.4 GHz: 2 x 4 dBi			
		5 GHz: 4 x 5 dBi	5 GHz: 2 x 5 dBi			
		CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, EIRP)	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, EIRP)			
	Transmit Power	FCC: < 26 dBm (2.4 GHz); < 26 dBm				
		(5 GHz)	(5 GHz)			
	Omada Software Controller	(5 0112)	(3 01 12)			
Centralized Management	Omada Hardware Controller	•				
Contrain20d Widinagornone	Omada APP	•				
	Captive Portal Authentication	•				
	Access Control					
	Maximum number of MAC Filter	4000				
	Wireless Isolation between	4000				
	Clients	•				
Security	VLAN	•				
	Rogue AP Detection	•				
	_	WEP, WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-				
	Wireless Encryption	Personal/Enterprise				
	802.1X Support	•				
	Multiple SSIDs	16 (8 on each band)				
	Enable/Disable Wireless Radio	•				
	Enable/Disable SSID Broadcast	•				
	Guest Network	•				
	Automatic Channel Assignment	•				
	Transmit Power Control	Adjust transmit Power on dBm				
	QoS (WMM)	•				
	Seamless Roaming	•				
	Mesh	-				
	Beamforming	•				
Wireless Function	MU-MIMO	•				
	Rate Limit	Based on SSID/Client				
	Load Balance	•				
	Airtime Fairness					
	Band Steering	•				
	RADIUS Accounting					
	MAC Authentication	•				
	Reboot Schedule	•				
	Wireless Schedule	•				
	Wireless Statistics	•				
	orooo otaliotioo	•				



Ceiling Mount 802.11ax AP						
Model		EAP660 HD	EAP620 HD			
	802.11ax	8 Mbps to 2402 Mbps (MCS0- MCS11, NSS = 1 to 4 HE20/40/80)	8 Mbps to 1201 Mbps (MCS0- MCS11, NSS = 1 to 2 HE20/40/80)			
Course and Data Bata	802.11ac	6.5 Mbps to 2166.7 Mbps (MCS0-MCS11, NSS = 1 to 4 VHT20/40/80)	6.5 Mbps to 1083.3 Mbps (MCS0- MCS11, NSS = 1 to 2 VHT20/40/80)			
Support Data Rates	802.11n	6.5 Mbps to 600 Mbps(MSC0- MCS31, HT20/40)	6.5 Mbps to 300 Mbps (MCS0- MCS15, HT20/40)			
	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				
	LED ON/OFF Control	•				
	Management MAC Access Control	•				
	Web-based Management	•				
	Telenet	•				
	SNMP	v1, v2c, v3				
Management	SSH	•				
	Restore & Backup	•				
	Firmware update via Web	•				
	NTP	•				
	System Log	•				
	Email Alerts	•				
	Power Supply	802.3at PoE or external 12V/2A DC power supply	802.3at PoE or external 12V/1A DC power supply			
Physical & Environment	Maximum Power Consumption	EU: 18.5 W (For PoE); 15 W (for DC) US: 22.5 W (For PoE); 18 W (for DC)	EU: 12.5 W (For PoE); 10 W (for DC) US: 14W (For PoE); 11.5 W (for DC)			
	Reset	•	,			
	Mounting	Ceiling / Wall mouting (Kits included)				
	Certifications	CE, FCC, RoHS				
	Dimensions (W x D x H)	243 x 243 x 64 mm				
Others		Operating Temperature: 0 °C-40 °C (32 °F-104 °F);				
Outers	Environment	Storage Temperature: -40 °C-70 °C	(-40 °F–158 °F);			
	EUMOULHEUR	Operating Humidity: 10%–90% non-	-condensing;			
		Storage Humidity: 5%–90% non-condensing;				



Ceiling Mount 802.	Ceiling Mount 802.11n/ac AP							
Model		EAP265 HD	EAP245	EAP225	EAP115	EAP110		
Name		AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1350 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	300 Mbps Wireless N Access Point	300 Mbps Wireless N Access Point		
	LAN Interfaces	2 10/100/1000 Mbps Ethernet Ports		1 10/100/1000 Mbps Ethernet Port	1 10/100 Mbps Ethernet Port			
	Wi-Fi Standards	IEEE 802.11a/b/g/n/ac	;		IEEE 802.11a/b/g/	n		
	Maximum Data Rate	450 Mbps (2.4 GHz) +	1300 Mbps (5 GHz)	450 Mbps (2.4 GHz) +876 Mbps (5 GHz)	300 Mbps (2.4 GHz)			
	Concurrent Clients	500+	220+	220+	100			
Main Design	Antennas	2.4G: 3 x 3.5 dBi 5GHz: 3 x 4 dBi	2.4 GHz: 3 x 3.5 dBi, 5 GHz: 3 x 4 dBi	2.4 GHz: 3 x 4 dBi, 5 GHz: 2 x 5 dBi	2 x 4 dBi			
	Transmit Power	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, EIRP) FCC: < 24 dBm (2.4 GHz); < 24 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, EIRP); < 28 dBm (5 GHz, EIRP) FCC: < 24 dBm (2.4 GHz); < 24 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, EIRP); < 27 dBm (5 GHz, EIRP) FCC: < 24 dBm (2.4 GHz); < 22 dBm (5 GHz)	CE: < 19 dBm (EIR	P), FCC: < 21 dBm		
	Omada Software Controller	•	ı	'	ı			
Centralized Management	Omada Hardware Controller	•						
	Omada APP	•						
	Captive Portal Authentication •							
	Access Control	•						
	Maximum number of MAC Filter	4000						
	Wireless Isolation between							
Security	Clients	•						
	VLAN	•						
	Rogue AP Detection	on •						
	Wireless Encryption	WEP, WPA-Personal/Enterprise, WPA2-Personal/Enterprise						
	802.1X Support	•						
	Multiple SSIDs	16 (8 on each band) 8						
	Enable/Disable Wireless Radio	•						
	Enable/Disable SSID							
	Broadcast	•						
	Guest Network	•						
	Automatic Channel							
	Assignment							
	Transmit Power Control	Adjust transmit Pov	ver on dBm					
	QoS (WMM)	•						
	Seamless Roaming	•			-			
	Mesh	•			-			
Wireless Function	Beamforming	•			-			
	MU-MIMO	•			-			
	Rate Limit	Based on SSID/Clie	ent					
	Load Balance	•						
	Airtime Fairness	•			-			
	Band Steering	•			-			
	RADIUS Accounting	•						
	MAC Authentication	•						
	Reboot Schedule	•						
	Wireless Schedule	•						
	Wireless Statistics	•						
	Static IP/Dynamic IP	•						



Ceiling Mount 802	.11n/ac AP						
Model		EAP265 HD	EAP245	EAP225	EAP115	EAP110	
	802.11ac	6.5 Mbps to 867 Mbps (MCS0-MCS9, MCS9, NSS = 1 to 3 VHT20/40/80)  6.5 Mbps to 867 Mbps (MCS0-MCS9, MCS9, NSS = 1 to 2 VHT20/40/80)			-		
Support Data Rates	802.11n	6.5 Mbps to 450 Mbp	os (MCS0-MCS23, HT2	20/40)	6.5 Mbps to 300 N MCS15, HT20/40)		
	802.11g	6, 9, 12, 18, 24, 36, 48	3, 54 Mbps				
	802.11b	1, 2, 5.5, 11 Mbps					
	802.11a	6, 9, 12, 18, 24, 36, 48	3, 54 Mbps		-		
	LED ON/OFF Control	•					
	Management MAC Access Control	•					
	Web-based Management	•					
	Telenet	•					
	SNMP	v1, v2c					
Management	SSH	•					
	Restore & Backup	•					
	Firmware update via Web	•					
	NTP	•					
	System Log	•					
	Email Alerts	•					
Discipal 9 Environment	Power Supply	802.3af PoE or 48 V Passive PoE (+4,5 pins; -7,8 pins. PoE Adapter Included)	802.3af PoE or 48 V Passive PoE (+4,5 pins; -7,8 pins. PoE Adapter Included)	802.3af PoE or 24 V Passive PoE (+4,5 pins; -7,8 pins. PoE Adapter Included)	802.3af PoE or external 9 V/0.6 A DC power supply	24 V Passive PoE (+4,5 pins; -7,8 pins. PoE Adapter Included)	
Physical & Environment	Maximum Power	10.36 W	12.3 W	12.6 W	3.1 W	2.8 W	
	Consumption	10.30 W	12.5 W	12.0 W	3.1 W	2.0 VV	
	Reset	•					
	Mounting	Ceiling/Wall mount	ting (Kits included)				
	Certifications	CE, FCC, RoHS					
	Dimensions (W x D x H)	205.4 x 181.6 x 37.4	mm		189.4 x172.3 x 29	.5 mm	
Others	Environment	Storage Temperation Operating Humidit	ature: 0°C–40°C (32 ure: -40°C–70°C (-4 y: 10%–90% non-co 5%–90% non-cond	10 °F-158 °F) ondensing			

Wall Plate AP							
Model		EAP235-Wall	EAP230-Wall	EAP225-Wall	EAP115-Wall		
Name		AC1200 Wireless MU-MIMO Gigabit Wall Plate Access Point	AC1200 Wireless MU-MIMO Gigabit Wall Plate Access Point	AC1200 Wireless MU-MIMO Wall Plate Access Point	300 Mbps Wireless N Wall Plate Access Point		
	LAN Interfaces	Uplink: 1 10/100/1000 Mbps Ethernet Port Downlink: 3 10/100/1000 Mbps Ethernet Ports (one	Uplink: 1 10/100/1000 Mbps Ethernet Port Downlink: 1	Uplink: 1 10/100 Mbps Ethernet Port Downlink: 3 10/100 Mbps Ethernet Ports (one	Uplink: 1 10/100 Mbps Ethernet Port Downlink: 1 10/100 Mbps Ethernet Port		
	Wi-Fi Standards	supports PoE Out)  IEEE 802.11a/b/g/n/ac	Etnernet Port	supports PoE Out)			
	Maximum Data Rate	300 Mbps (2.4 GHz) + 867	Mhns (5 GHz)		300 Mbps (2.4 GHz)		
Main Design	Concurrent Clients	200	200	200	100		
main 2001g.r.	Antennas	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 4 dBi	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 3.6 dBi	2.4 GHz: 2 x 3 dBi 5 GHz: 2 x 4 dBi	2 x 1.8 dBi		
	Transmit Power	FCC: < 21 dBm (2.4 GHz); < 21 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, EIRP)	CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, EIRP) FCC: < 21 dBm (2.4 GHz); < 21 dBm (5 GHz)	CE: < 20 dBm		
	Omada Software Controller	•		, ,			
Centralized Management	Omada Hardware Controller	•					
_	Omada APP	•					
	Captive Portal Authentication	•					
	Access Control	•					
	Maximum number of MAC	4000					
Security	Wireless Isolation between	•					
	Clients						
	VLAN	•					
	Rogue AP Detection	WED WIDA Desperation WIDAA Desperation					
	Wireless Encryption	WEP, WPA-Personal/Enterprise, WPA2-Personal/Enterprise					
	802.1X Support						
	Multiple SSIDs	16 (8 on each band) 8					
	Enable/Disable Wireless Radio	) •					
	Enable/Disable SSID Broadcast	•					
	Guest Network	•					
	Automatic Channel	•					
	Assignment						
	Transmit Power Control	Adjust transmit Power on o	dBm ————————————————————————————————————				
	QoS (WMM)	•					
	Seamless Roaming	-					
	Mesh	-					
Wireless Function	Beamforming	•			-		
	MU-MIMO	•			-		
	Rate Limit	Based on SSID/Client					
	Load Balance	•					
	Airtime Fairness	-					
	Band Steering	•			-		
	RADIUS Accounting	•					
	MAC Authentication	•					
	Reboot Schedule	•					
	Wireless Schedule	•					
	Wireless Statistics	•					
	Static IP/Dynamic IP	•					



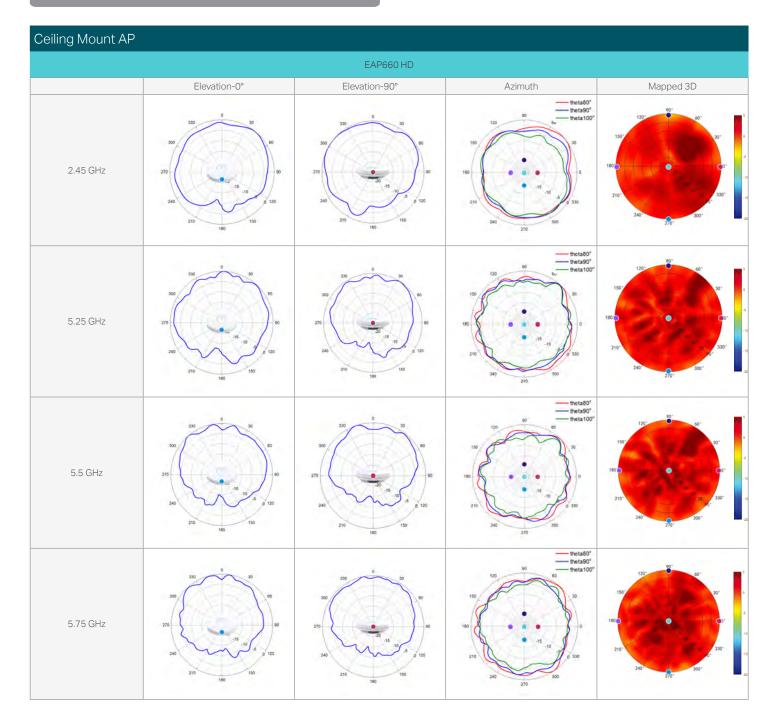
Wall Plate AP							
Model		EAP235-Wall	EAP230-Wall	EAP225-Wall	EAP115-Wall		
	802.11ac	6.5 Mbps to 867 Mbps (MCS0-MCS9, NSS = 1 to 2 VHT20/40/80)					
	802.11n	6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40)					
Support Data Rates	802.11g	6, 9, 12, 18, 24, 36, 48, 54	Mbps				
	802.11b	1, 2, 5.5, 11 Mbps					
	802.11a	6, 9, 12, 18, 24, 36, 48, 54	Mbps		-		
	LED ON/OFF Control	•					
	Management MAC Access	•					
	Control						
	Web-based Management	•					
	Telenet	•					
	SNMP	v1, v2c					
Management	SSH	•					
	Restore & Backup	•					
	Firmware update via Web	•					
	NTP	•					
	System Log	•					
	Email Alerts	•					
	Power Supply	802.3af/at PoE			802.3af PoE		
	Maximum Power	9.8 W (Without PoE Out)	7 W	9.8 W (Without PoE Out)	2.8 W		
Physical & Environment	Consumption	9.6 W (With lout FOL Out)	7 **	9.6 W (WILLIOUT POE OUT)	2.0 VV		
	Reset	•					
	Mounting	Wall Plate Mouting (Kits in	cluded)				
	Certifications	FCC, RoHS	CE, RoHS	CE, FCC, RoHS	CE, RoHS		
	Dimensions (W x D x H)	143 x 86 x 20 mm	86.8 × 86.8 × 30.2 mm	143 x 86 x 20 mm	86.8 × 86.8 × 30.2 mm		
Others		Operating Temperature: 0	°C-40 °C (32 °F-104 °F);				
	Environment	Storage Temperature: -40	°C-70 °C (-40 °F-158 °F);				
	LITVII OTIITICITE	Operating Humidity: 10%-	-90% non-condensing;				
		Storage Humidity: 5%–90% non-condensing;					

Outdoor AP						
Model		EAP225-Outdoor	EAP110-Outdoor			
Name		AC1200 Wireless MU-MIMO Gigabit Indoor/Outdoor Access Point	300 Mbps Wireless N Outdoor Access Point			
	LAN Interfaces	1 10/100/1000 Mbps Ethernet Port	1 10/100 Mbps Ethernet Port			
	Wi-Fi Standards	IEEE 802.11b/g/n/ac	IEEE 802.11b/g/n			
	Maximum Data Rate	300 Mbps (2.4 GHz) + 867 Mbps (5 GHz)	300 Mbps (2.4 GHz)			
	Concurrent Clients	220+	100			
Main Design	Antennas	2 Dual-Band Omni Antennas (External Detachable) 2.4 GHz: 3 dBi; 5 GHz: 4 dBi	2 Omni Antennas (External Detachable) 2.4 GHz: 3 dBi			
	Transmit Power	CE: < 20 dBm (2.4 GHz, EIRP), < 27 dBm (5 GHz, EIRP); FCC: < 23 dBm (2.4 GHz), < 22 dBm (5 GHz)	CE: < 20 dBm (EIRP), FCC: < 22 dBm			
	Omada Software Controller	•				
Centralized Management	Omada Hardware Controller	•				
	Omada APP	•				
	Captive Portal Authentication	•				
	Access Control	•				
	Maximum number of MAC Filter	4000				
	Wireless Isolation between					
Security	Clients	•				
	VLAN					
	Rogue AP Detection	•				
	Wireless Encryption	WEP, WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA2-Personal/	prise			
	802.1X Support	•				
	Multiple SSIDs	16 (8 for each band)	8			
	Enable/Disable Wireless Radio	•				
	Enable/Disable SSID Broadcast	•				
	Guest Network					
	Automatic Channel Assignment	•				
	Transmit Power Control					
		Adjust transmit Power on dBm				
	QoS (WMM)	•				
	Seamless Roaming		-			
	Mesh	•	-			
	Beamforming	•	-			
Wireless Function	MU-MIMO	•	-			
	Rate Limit	Based on SSID/Client				
	Load Balance	•				
	Airtime Fairness	•	-			
	Band Steering	•	-			
	RADIUS Accounting	•				
	MAC Authentication	•				
	Reboot Schedule	•				
	Wireless Schedule	•				
	Wireless Statistics	•				
	Static IP/Dynamic IP	•				
	802.11ac	6.5 Mbps to 867 Mbps (MCS0-MCS9, NSS=1 to 2 VHT20/40/80)	-			
	802.11n	6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40)				
Support Data Rates	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	-			
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1			



Outdoor AP						
Model		EAP225-Outdoor	EAP110-Outdoor			
	LED ON/OFF Control	•				
	Management MAC Access Control	•				
	Web-based Management	•				
	Telenet	•				
	SNMP	v1, v2c				
Management	SSH	•				
	Restore & Backup •					
	Firmware update via Web	•				
	NTP	•				
	System Log	•				
	Email Alerts	•				
	Power Supply	802.3af PoE or 24 V Passive PoE (+4,5 pins; -7,8 pins. PoE Adapter Included)	24 V Passive PoE (+4,5 pins; -7,8 pins. PoE Adapter Included)			
Physical & Environment	Maximum Power Consumption	10.5W	3.1 W			
	Reset	•				
	Mounting	Pole/Wall mouting (Kits included)				
	Certifications	CE, FCC, RoHS				
	Dimensions (W x D x H)	214.9 x 46 x 26.7 mm	216 x 46 x 27 mm			
Others		Operating Temperature: -30 °C-70 °C (-22 °F-158 °F);	Operating Temperature: -30 °C-65 °C (-22 °F-149 °F);			
Others	Environment	Storage Temperature: -40 °C-70 °C (-40 °F-158 °F);	Storage Temperature: -40 °C-70 °C (-40 °F-158 °F);			
	LIMIOMITEM	Operating Humidity: 10%–90% non-condensing;	Operating Humidity: 10%–90% non-condensing;			
		Storage Humidity: 5%–90% non-condensing;	Storage Humidity: 5%–90% non-condensing;			

## Antenna Radiation Patterns



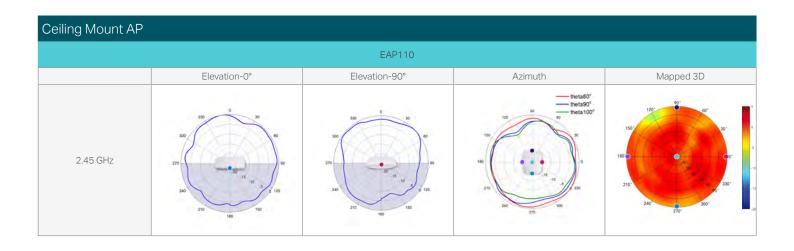
Ceiling Mount AP						
		EAP620 HD				
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D		
2.45 GHz	270 249 210 150 150	330 300 270 240 210 150 150	150 50 meta90"	150° 20° 20° 20° 20° 20° 21° 21° 21° 21° 21° 21° 21° 21° 21° 21		
5.25 GHz	270 240 210 150 150	270 240 240 240 30 30 30 40 40 40 40 40 40 40 40 40 40 40 40 40	150 the ta 50' the ta 50' the ta 50' the ta 100' the t	150° 50° 150° 150° 150° 150° 150° 150° 1		
5.5 GHz	330 300 270 240 210 180 150 150	240 240 210 150 150	150 00 16 16 100° 16 16 100° 16 16 100° 16 16 100° 16 16 100° 16 16 16 16 16 16 16 16 16 16 16 16 16	150° 30° 30° 30° 310° 310° 310° 310° 310°		
5.75 GHz	300 279 249 210 160 150	300 00 00 00 00 00 00 00 00 00 00 00 00	## the ta 80°	150° 40° 150° 150° 150° 150° 150° 150° 150° 15		

Ceiling Mount AP					
	EAP265 HD				
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D	
2.45 GHz	300 300 300 300 300 300 300 300	350 350 350 350 350 350 350 350 350 350	meta80° — theta80° — theta80° — theta100°	150°  150°  150°  20°  210°  240°  270°  30°  330°  330°  330°  240°  270°	
5.25 GHz	330 300 270 300 300 300 300 300 300 300 300 300 3	330 300 270 240 210 160 150	120 60 The la 100° 116 130° 1210 130° 130° 130° 130° 130° 130° 130° 13	150° 50° 50° 30° 150° 30° 150° 30° 150° 30° 150° 30° 150° 30° 150° 30° 30° 150° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3	
5.5 GHz	279 240 210 150	300 270 240 210 150	## mcta80" ## mcta80" ## mcta90"	150° 00° 00° 150° 150° 150° 150° 150° 15	
5.75 GHz	330 300 270 300 300 300 300 300 300 300 3	300 300 300 300 300 300 300 300 300 300	#heta80" #heta90" #heta100" #heta100" #heta100" #heta100" #heta100"	150° 50° 50° 50° 50° 50° 50° 50° 50° 50°	

Ceiling Mount AP					
	EAP245				
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D	
2.45 GHz	300 300 270 200 15 10 60 200 210 150	350 350 350 360 370 360 370 360 370 370 370 370 370 370 370 370 370 37	## ## ## ## ## ## ## ## ## ## ## ## ##	150°  150°  180°  20°  20°  210°  240°  270°  330°  330°  240°  270°  30°  30°  330°  32°  330°	
5.25 GHz	330 300 270 300 300 300 300 300 300 300 300 300 3	330 300 270 240 210 160 150	120 60 The la 100° 116 130° 1210 130° 130° 130° 130° 130° 130° 130° 13	150° 50° 50° 30° 150° 30° 150° 30° 150° 30° 150° 30° 150° 30° 150° 30° 30° 150° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3	
5.5 GHz	279 240 210 190 190	300 300 300 300 300 300 50 50 50 50 50 50 50 50 50 50 50 50 5	## mcta80"	150° 00° 00° 150° 150° 150° 150° 150° 15	
5.75 GHz	330 300 270 300 300 300 300 300 300 300 3	300 300 300 300 300 300 300 300 300 300	## meta80"	150° 50° 50° 50° 50° 50° 50° 50° 50° 50°	

Ceiling Mount AP					
	EAP225				
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D	
2.45 GHz	270 240 240 240 250 150 150	270 270 270 210 210 150 150	## ## ## ## ## ## ## ## ## ## ## ## ##	150° 65° 8 150° 65° 8 180° 65° 8 180° 65° 8 180° 65° 8 10° 10° 10° 10° 10° 10° 10° 10° 10° 10°	
5.25 GHz	270 240 210 160 150	270 240 210 210 300 40 60 60 60 60	theta 80° theta 90° theta 90° theta 100° the	150°	
5.5 GHz	270 240 240 219 150 150	270 240 240 240 250 150 150	theta80° meta90° meta9	150° 30° 30° 31° 32° 330° 31° 32° 330° 330° 330° 330° 330° 330° 330°	
5.75 GHz	270 500 500 500 500 500 500 500 500 500 5	270 240 210 150 150	## the tas 80°	150 1 150 1	

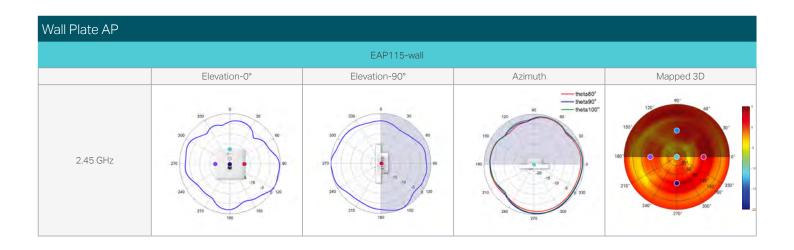
Ceiling Mount AP				
		EAP115		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	270 270 240 210 160 150	300 270 240 240 210 300 300 300 300 300 300 300 300 300 3	## the ta 90"   The ta 90"   The ta 90"   The ta 100"   Th	150° 20° 20° 20° 20° 210° 210° 270° 270° 270° 270° 270° 270° 270° 27



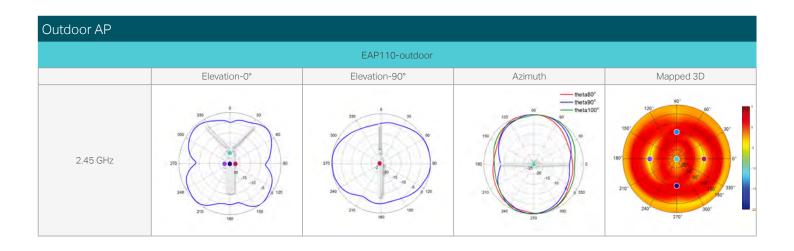
Wall Plate AP					
	EAP235-wall				
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D	
2.45 GHz	270 240 210 150 150	270 240 210 180 30 30 40 40 40 40 150	## the ta 80° ## the ta 90° ## the ta 100° ## ta 100° #	150' 90" 60' 150' 30' 150' 330' 270' 370' 370' 370' 370' 370' 370' 370' 3	
5.25 GHz	270 249 249 210 150 150	270 240 210 150 150	#heta80° #heta90° #heta100° #heta10°	150 99° 60° 150° 150° 150° 150° 150° 150° 150° 15	
5.5 GHz	270 240 210 15 -10 160	270 240 150 150	## ta & 80"  ## ta & 80"  ## ta & 80"  ## ta & 100"  156  167  168  178  186  270  270  270  270  186  270  270	150° 90° 40° 150° 150° 150° 150° 150° 150° 150° 15	
5.75 GHz	336 5 300 270 40 40 240 150 150	270 240 156 160 156 160 176 176 176 176 176 176 176 176 176 176	## that \$0°   Photos \$0°	150° 46° 46° 150° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3	

Wall Plate AP					
		EAP230-wall			
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D	
2.45 GHz	270 210 300 300 300 40 40 40 150	276 276 240 240 160 150 150	theta80° theta90° theta90° theta100°	180° 00° 10° 30° 110° 210° 120° 330° 110° 120° 330° 120° 120° 120° 120° 120° 120° 120° 12	
5.25 GHz	200 200 200 200 200 3 .16 4 40 120	279 40 150 150 150	theta 80° theta 90° theta 90° theta 100° the	1180° 460° 1180° 1	
5.5 GHz	270 220 240 210 3.10 90 210	300 270 210 150 150	## thota80"  ## thota80"  ## thota90"  ## thota 100"  ## thota 100	180° 270° 300° 110° 120° 120° 120° 120° 120° 120° 1	
5.75 GHz	270 270 240 210 160	330 300 270 240 240 210 180 180	## the tas 80"  ## the tas 90"  ## the tas 100"  190  210  240  270  300  300  300  300  300  300  30	150° 00° 150° 330° 150° 30° 150° 150° 150° 150° 150° 150° 150° 15	

Wall Plate AP						
	EAP225-wall					
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D		
2.45 GHz	300 00 00 00 00 00 00 00 00 00 00 00 00	300 270 240 210 150	150 150 150 150 150 150 150 150 150 150	150° 40° 40° 110° 120° 120° 120° 120° 120° 120° 12		
5.25 GHz	330 50 50 50 50 50 50 50 50 50 50 50 50 50	300 270 240 210 180 150	## the la 80° ## the la 80° ## the la 100° ## la 100°  150 260 270 300 300	150' 90' 00' 150' 150' 150' 150' 150' 150' 150		
5.5 GHz	330 330 330 330 300 300 300 300	270 240 210 160 150	## the table of the table of the table of table	150° 00° 00° 150° 150° 150° 150° 150° 15		
5.75 GHz	330 300 270 310 310 300 40 310 310 300 40 310 310 310 310 310 310 310 310 310 31	200 210 150 150 150	## meta 80° ## preta 90° ## preta 100°  150  150  150  150  150  150  150	150 90° 00° 150 330° 150 240 270° 500° 150 330°		



Outdoor AP						
	EAP225-outdoor					
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D		
2.45 GHz	330 500 270 60 60 60 60 60 60 60 60 60 6	300 0 30 270 60 240 3 15 -16 6 120	## the ta 80° ## the ta 80° ## the ta 80° ## the ta 80° ## the ta 100° ## the ta	150° 60° 150° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3		
5.25 GHz	270 240 210 150 150	350 300 40 270 40 50 50 60 210 180 150	150 150 150 150 150 150 150 150 150 150	150° 40° 30° 0° 150° 150° 150° 150° 150° 150° 150°		
5.5 GHz	270 240 210 190 150 150	330 300 270 280 210 180	## mota80" ## meta80"	150 90° 40° 150 150° 150° 150° 150° 150° 150° 150		
5.75 GHz	330 300 270 240 300 160 300 60 60 150	270 240 210 180 180	## the ta 80° ## the ta 80° ## the ta 80° ## the ta 100° ## the ta 20° ## the ta 2	150° 40° 20° 20° 210° 210° 210° 210° 210° 210°		



## **Disclaimers**

#### Wireless Speed, Range and Concurrent Devices Disclaimer

Maximum wireless transmission rates are the physical rates derived from IEEE Standard 802.11 specifications. Range and coverage specifications along with the number of connected devices were defined according to test results under normal usage conditions. Actual wireless transmission rate, wireless coverage, and concurrent devices are not guaranteed, and will vary as a result of 1) environmental factors, including building materials, physical objects and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead and 3) client limitations, including rated performance, location, connection quality, and client condition.

#### MU-MIMO Disclaimer

(for EAP265 HD / EAP245 / EAP225 / EAP225-Outdoor / EAP235-Wall / EAP230-Wall / EAP225-Wall) MU-MIMO capability requires client devices that also support MU-MIMO.

#### Seamless Roaming Disclaimer

(for EAP265 HD / EAP245 / EAP225 / EAP225-Outdoor)

Seamless roaming requires both the access point and client devices to support 802.11k and 802.11v protocols.

#### Lightning and Electro-Static Discharge Protection Disclaimer

(for EAP225-Outdoor / EAP110-Outdoor)

Protection against lightning and electro-static discharge may be achieved through proper product setup, grounding and cable shielding. Refer to the instruction manual and consult an IT professional to assist with setting up this product.

#### PoE Disclaimer

PoE budget calculations are based on laboratory testing. Actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.

Some models featured in this guide may be unavailable in your country or region. Visit TP-Link website for local sales information: www.tp-link.com. Specifications are subject to change without notice.

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