

EAP265 HD

EAP245 / EAP225

EAP115 / EAP110



EAP230-Wall

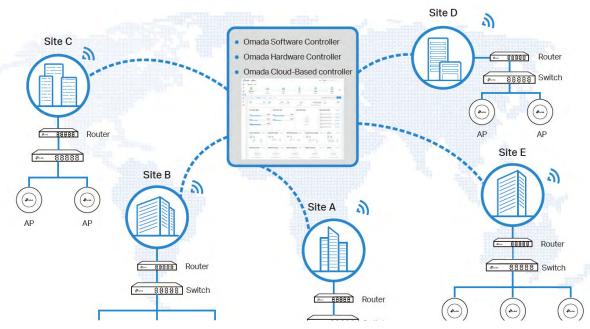
EAP115-Wall

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.



 $[\]hbox{* 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

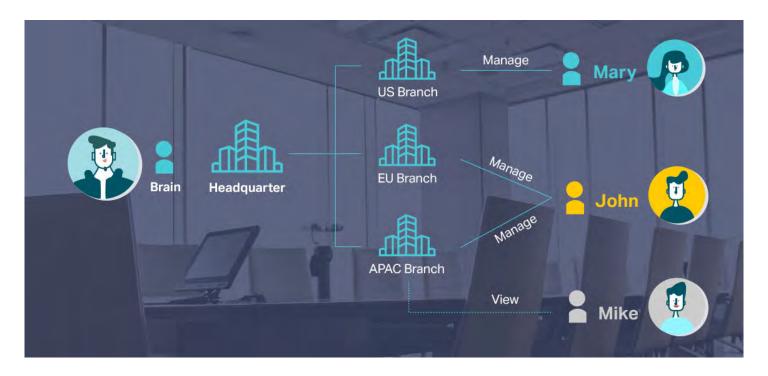
Auto Channel Selection and Power Adjustment

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.

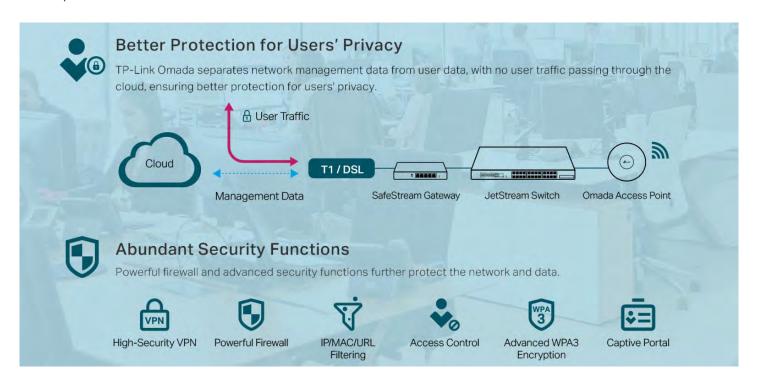


Easy and Intelligent Network Monitoring

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*

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

Increased Efficiency with OFDMA*

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.

- * Only certain devices support Seamless Roaming. For detailed information, refer to the specifications.
- * Only certain devices support Mesh. For detailed information, refer to the specifications.
- * Only 802.11ax devices support OFDMA.



EAP Product List

Ceiling Mount 802.11ax AP						
Picture			6			
Model	EAP660 HD	EAP620 HD	EAP610			
Product	AX3600 Wireless Dual- Band Multi-Gigabit Ceiling Mount Access Point	AX1800 Ceiling Mount Wi-Fi 6 Access Point	AX1800 Ceiling Mount Wi-Fi 6 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: 2*2 11ax, 574 Mbps 5 GHz: 2*2 11ax, 1201 Mbps			
Ethernet Port	1 x 2.5Gbps Ethernet Port	1 x Gigabit Ethernet Port	1 x Gigabit Ethernet Port			
Power Supply	802.3at PoE / 12V DC	802.3at PoE / 12V DC	802.3at PoE / 12V DC			
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: 2 x 4 dBi 5 GHz: 2 x 5 dBi			

Ceiling Mount 802.11n/ac AP						
Picture	-			-		
Model	EAP265 HD	EAP245	EAP225	EAP115	EAP110	
Product	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: 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	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	802.3af 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: 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 802.11n/ac/ax AP							
Picture	Ø100.	Ø100.	<i>Q</i> to a · · · · · · · · · · · · · · · · · ·	ф.н.	<i>φ</i> _{n=1} ⊙ •		
Model	EAP615-Wall	EAP235-Wall	EAP230-Wall	EAP225-Wall	EAP115-Wall		
Product	AX1800 Wall Plate Wi-Fi 6 Access Point	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: 2*2 11ax, 574 Mbps 5 GHz: 2*2 11ax, 1201 Mbps	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 Gigabit Ethernet Port	4 x Gigabit Ethernet Port	2 x Gigabit Ethernet Port	4 x 10/100Mbps Ethernet Port	2 x 10/100Mbps Ethernet Port		
Power Supply	802.3af/at PoE	802.3af/at PoE	802.3af 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 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 802.11n/ac/ax 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 x Gigabit Ethernet Port	1 x 10/100Mbps Ethernet 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

Ceiling Mount 802.								
Model		EAP660 HD	EAP620 HD	EAP610				
Name		AX3600 Wireless Dual-Band Multi-	AX1800 Ceiling Mount Wi-Fi 6	AX1800 Ceiling Mount Wi-Fi 6				
		Gigabit Ceiling Mount Access Point		Access Point				
	LAN Interfaces	1 x 2.5Gbps Ethernet Port	1 x Gigabit Ethernet Port	1 x Gigabit Ethernet Port				
	Wi-Fi Standards	IEEE 802.11ax/ac/n/g/b/a						
Main Danima	Maximum Data Rate	1148 Mbps (2.4 GHz)	574 Mbps (2.4 GHz)	574 Mbps (2.4 GHz)				
	Waximum Bata Nate	+2402 Mbps (5 GHz)	+1201 Mbps (5 GHz)	+1201 Mbps (5 GHz)				
	Concurrent Clients	1000+	1000+	250+				
Main Design	Antennas	2.4 GHz: 4 x 4 dBi	2.4 GHz: 2 x 4 dBi	2.4 GHz: 2 x 4 dBi				
		5 GHz: 4 x 5 dBi	5 GHz: 2 x 5 dBi	5 GHz: 2 x 5 dBi				
		CE: < 20 dBm (2.4 GHz, EIRP); < 23	CE: < 20 dBm (2.4 GHz, EIRP); < 23	CE: < 20 dBm (2.4 GHz, EIRP); < 23				
	Transmit Power	dBm (5 GHz, EIRP)	dBm (5 GHz, EIRP)	dBm (5 GHz, EIRP)				
			FCC: < 25 dBm (2.4 GHz); < 25 dBm					
	Omada Software Controller	(5 GHz)	(5 GHz)	(5 GHz)				
Centralized Management		•						
Centralized Management	Omada Hardware Controller	•						
	Omada APP	•						
	Captive Portal Authentication							
	Access Control	•						
	Maximum number of MAC	4000						
	Filter Wireless Isolation between							
Security	Clients	•						
	VLAN	•						
	Rogue AP Detection							
	Wireless Encryption	WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise						
	802.1X Support	40/0						
	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	•						
	Static IP/Dynamic IP	•						

^{*} EAP620 HD v2.0 supports Mesh; EAP620 HD v1.0 will support Mesh with later firmware in future.



Ceiling Mount 802.	11ax AP							
Model		EAP660 HD	EAP620 HD	EAP610				
	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)	8 Mbps to 1201 Mbps (MCS0- MCS11, NSS = 1 to 2 HE20/40/80)				
	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)	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)	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 12W2A DC power supply	802.3at PoE or external 12W1A 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)	EU: 12.8 W (For PoE); 10.8 W (for DC) US: 13.9W (For PoE); 11.8 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);						
Others	Environment	Storage Temperature: -40 °C-70 °C	(-40 °F–158 °F);					
	EUMIONIMENT	Operating Humidity: 10%–90% non-	-condensing;					
		Storage Humidity: 5%–90% non-co	ndensing;	Storage Humidity: 5%–90% non-condensing;				



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 x Gigabit Ethernet Port		1 x Gigabit Ethernet Port	1 x 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); < 28 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	•						
	Wireless Encryption	WPA-Personal/Enterp	rise, WPA2-Personal/E	nterprise				
	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 6.5 Mbps to 1300 Mbps (MCS0-MCS9, Mbps (MCS0-MCS9, NSS = 1 to 3 VHT20/40/80) MCS9, NSS = 1 to 2 VHT20/40/80)		-				
Support Data Rates	802.11n	6.5 Mbps to 450 Mbp	os (MCS0-MCS23, HT2	0/40)	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	•						
Management	Telenet	•						
	SNMP	v1, v2c						
	SSH	•						
	Restore & Backup	•						
	Firmware update via Web	•						
	NTP	•						
	System Log	•						
	Email Alerts	•						
	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 W0.6 A DC power supply	24 V Passive PoE (+4,5 pins; -7,8 pins. PoE Adapter Included)		
Physical & Environment	Maximum Power	10.014	10.01//	10.6.W	2.1.1//	2.0.14		
	Consumption	12.3 W	12.3 W	12.6 W	3.1 W	2.8 W		
	Reset	•						
	Mounting	Ceiling/Wall mount	ing (Kits included)					
	Certifications	CE, FCC, RoHS						
	Dimensions (W x D x H)	205.5 x 181.5 x 37.1	mm		189.4 x172.3 x 29	.5 mm		
Others	Environment	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 Storage Humidity: 5%–90% non-condensing						

Wall Plate 802.11ax	(AP	
Model		EAP615-Wall
Name		AX1800 Wall Plate Wi-Fi 6 Access Point
	LAN Interfaces	4 x Gigabit Ethernet Port
	Wi-Fi Standards	IEEE 802.11ax/ac/n/g/b/a
	Maximum Data Rate	574 Mbps (2.4 GHz) +1201 Mbps (5 GHz)
	Concurrent Clients	128
M : D :		2.4 GHz: 2 x 3 dBi
Main Design	Antennas	5 GHz: 2 x 4 dBi
		CE: < 20 dBm (2.4 GHz, EIRP);
	Transmit Dawar	< 23 dBm (5 GHz, EIRP)
	Transmit Power	FCC: < 21 dBm (2.4 GHz, EIRP);
		< 21 dBm (5 GHz, EIRP)
	Omada Software Controller	•
Centralized Management	Omada Hardware Controller	•
	Omada APP	•
	Captive Portal Authentication	•
	Access Control	•
	Maximum number of MAC	4000
	Filter	4000
	Wireless Isolation between	•
Security	Clients	
Security	VLAN	•
	Rogue AP Detection	•
		WPA-Personal/Enterprise, WPA2-
	Wireless Encryption	Personal/Enterprise, WPA3-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	-
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 802.11a	x AP	
Model		EAP615-Wall
	802.11ax	8 Mbps to 1201 Mbps (MCS0-MCS11, NSS = 1 to 2 HE20/40/80)
	802.11ac	6.5 Mbps to 1083.3 Mbps (MCS0-MCS9, NSS = 1 to 2 VHT20/40/80)
Support Data Rates	802.11n	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	802.3af/at PoE
	Maximum Power	EU: 10W (802.3at PoE, PoE Out off)
Physical & Environment	Consumption	US: 11.5W (802.3at PoE, PoE Out off)
	Reset	•
	Mounting	Wall Plate Mouting (Kits included)
	Certifications	CE, FCC, RoHS
	Dimensions (W x D x H)	143 x 86 x 20 mm
		Operating Temperature: 0 °C-40 °C
		(32 °F–104 °F);
Others		Storage Temperature: -40 °C-70 °C
Others	Environment	(-40 °F–158 °F);
	LIMIOIIIIEIL	Operating Humidity: 10%–90% non-
		condensing;
		Storage Humidity: 5%–90% non-
		condensing;



Wall Plate 802.11n	/ac 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 x Gigabit Ethernet Port Downlink: 3 x Gigabit Ethernet Port (one supports PoE Out)	Uplink: 1 x Gigabit Ethernet Port Downlink: 1 x Gigabit Ethernet Port	Uplink: 1 x 10/100 Mbps Ethernet Port Downlink: 3 x 10/100 Mbps Ethernet Port (one supports PoE Out)	Uplink: 1 x 10/100 Mbps Ethernet Port Downlink: 1 x 10/100 Mbps Ethernet Port		
	Wi-Fi Standards	IEEE 802.11a/b/g/n/ac		IEEE 802.11a/b/g/n			
	Maximum Data Rate	300 Mbps (2.4 GHz) + 867	Mbps (5 GHz)		300 Mbps (2.4 GHz)		
Main Design	Concurrent Clients	200	200	200	100		
	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	CE: < 20 dBm (2.4 GHz); < 23 dBm (5 GHz) 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	•		J			
Centralized Management	Omada Hardware Controller	•					
	Omada APP	•					
	Captive Portal Authentication	•					
	Access Control	•					
F V Security C	Maximum number of MAC	4000					
	Wireless Isolation between						
	Clients	•					
	VLAN	•					
	Rogue AP Detection	•					
	Wireless Encryption	WPA-Personal/Enterpri	se, WPA2-Personal/En	terprise			
	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 802.11r	n/ac 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	•					
Management	Control						
	Web-based Management	•					
	Telenet	•					
	SNMP	v1, v2c					
	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	9.8 W (Without FOE Out)	7 **	9.8 W (Without FOL Out)	2.0 **		
	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);				
3	Environment	Storage Temperature: -40	°C-70 °C (-40 °F-158 °F);				
	Liviorimone	Operating Humidity: 10%-	-90% non-condensing;				
		Storage Humidity: 5%–90	Storage Humidity: 5%–90% non-condensing;				

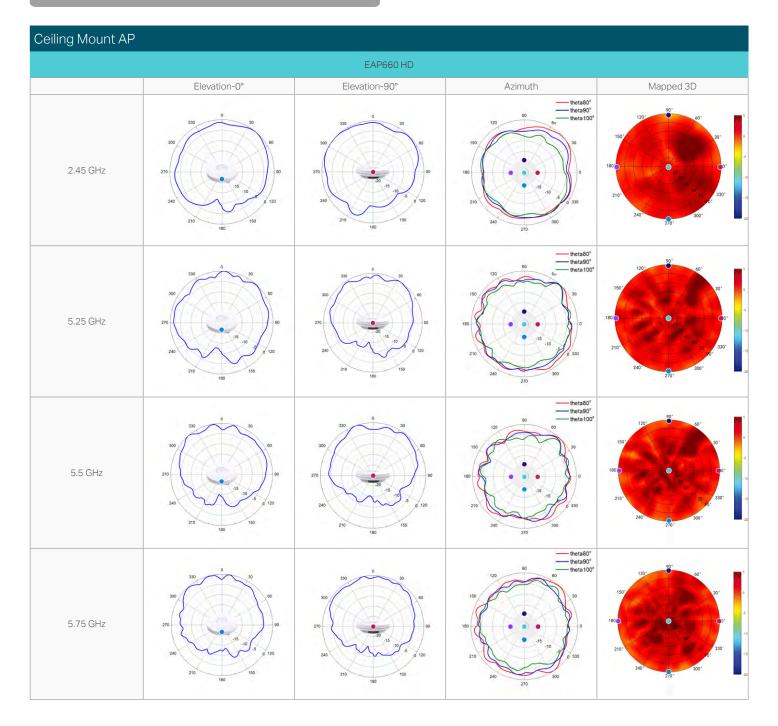


Outdoor 802.11n/a	ac AP			
Model		EAP225-Outdoor	EAP110-Outdoor	
Name		AC1200 Wireless MU-MIMO Gigabit Indoor/Outdoor Access Point	300 Mbps Wireless N Outdoor Access Point	
	LAN Interfaces	1 x Gigabit Ethernet Port	1 x 10/100 Mbps Ethernet Port	
	Wi-Fi Standards	IEEE 802.11b/g/n/ac	IEEE 802.11b/g/n	
	Maximum Data Rate	300 Mbps (2.4 GHz) + 867 Mbps (5 GHz)	300 Mbps (2.4 GHz)	
Main Design	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	WPA-Personal/Enterprise, WPA2-Personal/Enterprise		
	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	



Outdoor 802.11n/ac 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		
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);	
	LIMIOIIIICIL	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	270 240 210 150 150	270 240 210 150 150	150 60 theta80" theta80" theta 100" theta 100"	150° 60° 30° 150° 30° 210° 240° 300° 300° 300° 300° 300° 300° 300° 3
5.25 GHz	270 240 210 150 150	330 300 300 300 300 300 80 200 300 300 80 300 300 300 300 300 300 30	theta80° theta100° theta10	150 00° 150 150° 150° 150° 150° 150° 150
5.5 GHz	279 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	240 240 210 150 5 6 120	theta80° theta80° theta80° theta90° the	150° 40° 150° 30° 150° 330
5.75 GHz	330 300 270 240 210 150	300 270 240 210 300 50 50 150	theta80° theta90° the	150° 46° 30° 180° 150° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3

Ceiling Mount AP				
		EAP610		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	300 270 240 210 150 150	270 240 210 180 150	150 60 theta80" theta80" theta 100" theta 100"	150° 40° 40° 40° 40° 40° 40° 40° 40° 40° 4
5.25 GHz	270 240 240 210 150 150	300 300 270 240 219 180 180	theta80° theta80° theta80° theta90° the	150 00 00 00 00 00 00 00 00 00 00 00 00 0
5.5 GHz	270 246 210 180	3300 300 300 300 300 300 300 300	theta80° theta80° theta80° theta80° theta80° theta80° theta90° the	180 0 00° 00° 00° 180
5.75 GHz	270 240 210 150	330 300 270 240 240 210 150	theta80° theta90° the	150 150 150 150 150 150 150 150 150 150

Ceiling Mount AP				
		EAP265 HD		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	330 300 300 300 300 60 60 60 60 60 60 60 60 60	330 300 270 20 210 150 150 150	theta90° theta100° theta100° and theta100° the	150° 180 210° 240° 270° 30° 30° 30° 30° 30° 30° 30°
5.25 GHz	270 240 210 160 150	330 300 270 240 240 210 180 150	theta80° theta 100° theta 100° 120 500 500 500 500 500 500 500 500 500 5	150° 60° 30° 150° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3
5.5 GHz	270 220 240 210 150	300 300 270 240 210 180 300 60 60 60 60 60 120	#heta80° theta90° theta90° theta100°	150° 00° 30° 150° 30°
5.75 GHz	270 240 210 150	300 300 270 300 300 300 60 90 300 150	#eta80° — theta90° — theta90° — theta90° — theta90° — theta100° —	180° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3

Ceiling Mount AP				
		EAP245		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	330 330 330 330 300 300 300 300	300 270 240 210 150 150	theta80° theta100° theta100° and theta100° theta100° and theta10° and th	150° 40° 30° 110° 110° 110° 110° 110° 110° 110
5.25 GHz	270 240 210 150 150	330 300 270 280 355 160 360 300 400 270 300 300 300 300 300 300 300 300 300 3	theta80° theta100° theta10	150° 00° 00° 150° 150° 150° 150° 150° 15
5.5 GHz	270 220 240 210 150	300 300 270 240 210 180 300 60 60 60 60 60 120	# theta80° — theta90° — theta90° — theta90° — theta100° — theta100	150° 00° 30° 150° 30°
5.75 GHz	270 240 210 150	300 300 270 300 300 300 60 90 300 150	## theta80° ## theta90° ## theta90° ## theta90° ## theta90° ## theta100° ## theta10	180° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3

Ceiling Mount AP				
		EAP225		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	270 240 210 150 150 150	350 300 270 240 210 300 300 300 300 300 400 150		180 30° 40° 40° 1180 30° 40° 40° 40° 40° 40° 40° 40° 40° 40° 4
5.25 GHz	270 240 210 150 150	270 240 216 180 30 60 60 60 60 60 60 60	theta80° theta90° theta90° theta100° theta10° theta10° theta100° t	150° 460° 150° 150° 150° 150° 150° 150° 150° 15
5.5 GHz	270 270 210 150 150	279 246 210 150 150	theta80° theta90° theta90° theta100°	150° 40° 40° 150° 150° 150° 150° 150° 150° 150° 15
5.75 GHz	270 240 210 150 150	300 300 300 300 300 300 40 300 30	theta80° theta90° the	150° 460° 150° 150° 150° 150° 150° 150° 150° 15

Ceiling Mount AP				
		EAP115		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	270 240 210 190.	300 270 240 240 240 300 300 300 300 300 300 300 300 300 3		150° 50° 30° 150° 30° 240° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3

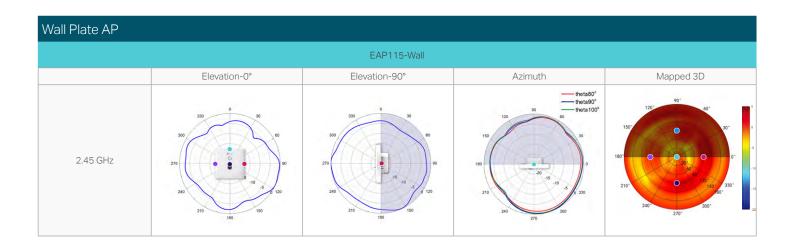
Ceiling Mount AP				
		EAP110		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	330 300 270 240 240 300 150 150	270 240 240 240 240 250 35 35 36 120	theta80° theta90° theta90° theta 100° theta	180 00° 00° 00° 180°

Wall Plate AP				
		EAP615-Wall		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	270 240 210 150 150	330 300 300 300 300 300 300 300	# that a80° = that a 100° = th	150° 0° 0° 150° 30° 150° 330° 120° 270° 300° 270° 300° 270° 300° 270° 300° 270° 300° 30° 30° 30° 30° 30° 30° 30° 30°
5.25 GHz	270 240 210 180	279 0 0 150 150 150 150 150 150 150 150 150		150° 90° 60° 30° 150° 330°
5.5 GHz	270 240 210 150 150	279 90 15 10 150 150 150 150 150 150 150 150	## the tab 07	150° 150° 210°
5.75 GHz	270 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	279 249 210 150 150	# the tab 80	150° 00° 00° 150° 330° 150° 270° 300° 270° 300° 270° 300° 300° 30° 30° 30° 30° 30° 30° 30°

Wall Plate AP				
		EAP235-Wall		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	270 240 210 150	330 300 300 300 300 40 300 40 300 30	# the tab 07	180° 00° 00° 1180° 00° 120° 120° 120° 120° 120° 120° 120
5.25 GHz	3300 300 60 270 150 150	279 240 210 180 150	# the tab 07	150° 40° 40° 10° 10° 10° 10° 10° 10° 10° 10° 10° 1
5.5 GHz	270 0 150 150 150	270 240 210 180 150	150 60 theta90° theta90° theta100° theta100° 150 210 270 300 270 300 270 300 270 300 300	150° 20° 20° 20° 20° 20° 20° 20° 20° 20° 2
5.75 GHz	270 240 210 150 150	270 240 210 180 150	theta80° theta90° the	150

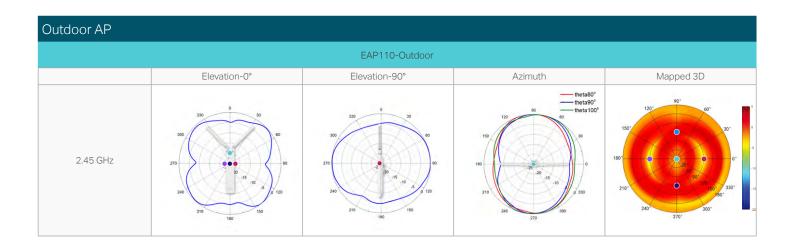
Wall Plate AP				
		EAP230-Wall		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	330 300 300 300 300 300 300 300 300 300	270 00 150 150 150	theta80° theta90° theta90° theta100°	180° 00° 00° 180° 330° 180° 270° 300° 330° 111
5.25 GHz	270 240 210 160 150	270 240 210 150 150	theta80° theta90° theta90° theta100°	180° 460° 180° 180° 180° 180° 180° 180° 180° 18
5.5 GHz	270 240 210 150 150	270 240 150 150	theta80° — theta80° — theta90° — theta90° — theta 100° 180 — theta 100° 180 — theta 30°	150' 00' 150' 330' 150' 330' 150' 350' 350' 350' 350' 350' 350' 350' 3
5.75 GHz	330 300 279 300 300 300 300 300 300 300 300 300 30	270 240 210 150 150 150		130° 90° 130° 30° 110° 30° 120

Wall Plate AP						
EAP225-Wall						
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D		
2.45 GHz	3300 50 60 60 60 270 6 120 150 150 150 150 150 150 150 150 150 15	300 270 240 210 150 150	theta80° — theta 100° — theta 1	150° 40° 30° 1150° 30° 1150° 330°		
5.25 GHz	330 300 270 300 300 300 300 300 300 300 3	330 300 270 240 210 150 150	theta80° theta80° theta80° theta80° theta80° theta80° theta100° th	150° 00° 150° 150° 150° 150° 150° 150° 1		
5.5 GHz	270 240 210 160 20 0 0 0 0 0 0 0 0 0 120	3300 300 270 240 240 300 300 300 300 300 300 300 300 300 3	theta80° theta90° the	150 00° 00° 150 00° 150 150° 150° 150° 1		
5.75 GHz	330 270 240 210 150 150	330 300 270 240 240 210 150 150	theta80° theta80° theta100° theta10°	150 90° 00° 150 150° 150° 150° 150° 150° 150°		





Outdoor AP						
EAP225-Outdoor						
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D		
2.45 GHz	270 240 210 160 300 60 60 60 60 150 150	330 300 30 60 60 270 240 210 150 150	#heta80" #heta100" #heta10	150° 150°		
5.25 GHz	330 300 300 300 300 300 300 300	300 270 240 210 150 50 60 60 60 60 60 60 60 60 60 6	theta80° theta80° theta80° theta90° theta90° theta90° theta90° theta9100° ao	150° 00° 00° 150° 150° 150° 150° 150° 15		
5.5 GHz	270 240 210 160 330 60 60 60 60 60 60 60 60 60 60 60 60 60	330 0 30 60 60 270 240 240 150 150 150	## theta 80° ## theta 80° ## theta 80° ## theta 90° ## theta 90° ## theta 100° ## thet	150° 90° 60° 30° 150° 330° 150° 330° 150° 330° 150° 330° 150° 30° 30° 150° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3		
5.75 GHz	270 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	330 300 270 20 300 300 300 300 300 300 300	theta80° theta80° theta90° theta90° theta90° theta90° about 1500 a	150° 40° 40° 150° 150° 150° 150° 150° 150° 150° 15		



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

(Only for certain devices)

MU-MIMO capability requires client devices that also support MU-MIMO.

Seamless Roaming Disclaimer

(Only for certain devices)

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

(Only for outdoor devices)

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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