

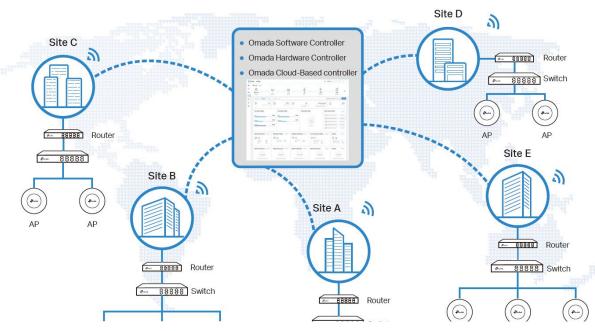


Omada Solution



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.

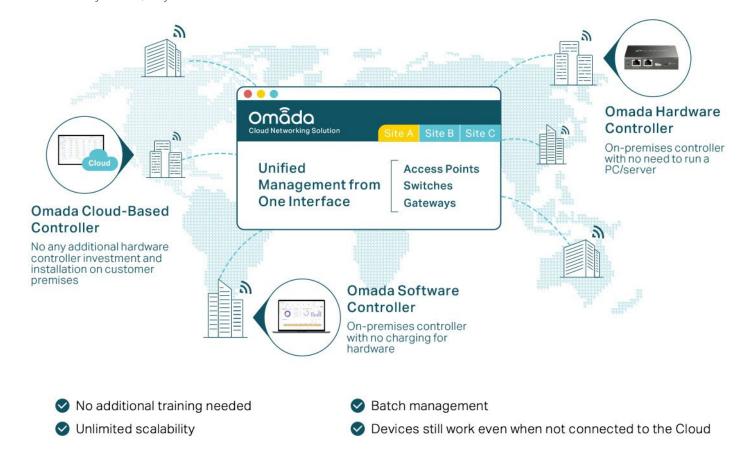






Hassle-Free Centralized Cloud Management

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*

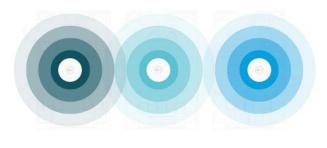
- Analyzes potential network problems and sends optimization suggestions for higher network efficiency
- Locates network faults, warns and notify users, and generates solutions to reduce network risk



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

Auto Channel Selection and Power Adjustment

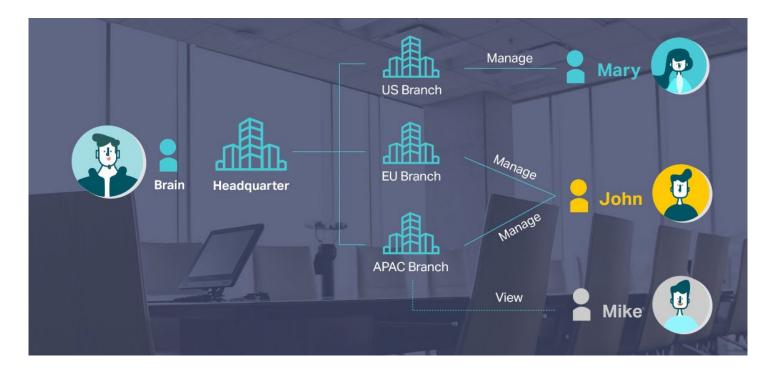
Provides powerful wireless performance while greatly reducing Wi-Fi interference by automatically adjusting the channel settings and transmission power levels of neighboring APs in the same network.



Channel 1
 Channel 11
 Channel 6

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.

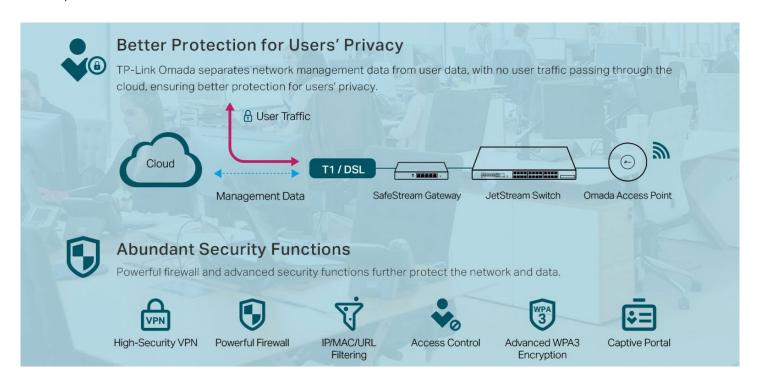


Easy and Intelligent Network Monitoring

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	(Que)	(Part)	Quin ,			
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 Mour	nt 802.11n/ac AP				
Picture	p.c.	p.c.	Prii.	p	p
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>φ</i> ₀	Ø∞.	<i>₽</i> ≈ ○	
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	EAP610-Outdoor	EAP225-Outdoor	EAP110-Outdoor			
Product	AX1800 Indoor/Outdoor Wi-Fi 6 Access Point	AC1200 Wireless MU-MIMO Gigabit Indoor/Outdoor Access Point	300Mbps Wireless N Outdoor Access Point			
Speed	2.4 GHz: 574 Mbps 5 GHz: 1201 Mbps	2.4 GHz: 300Mbps 5 GHz: 867Mbps	2.4 GHz: 300Mbps			
Ethernet Port	1 x Gigabit Ethernet Port	1 x Gigabit Ethernet Port	1 x 10/100Mbps Ethernet Port			
Power Supply	802.3at PoE / 48V Passive PoE	802.3af PoE / 24V Passive PoE	24V Passive PoE			
Internal Antennas	2 Internal Dual-Band Omni Antennas	2 Dual-Band Omni Antennas (External Detachable)	2 Omni Antennas (External Detachable)			
	2.4 GHz: 4 dBi; 5 GHz: 5 dBi	2.4 GHz: 3 dBi; 5 GHz: 4 dBi	2.4 GHz: 3 dBi			

Specifications

Model		EAP660 HD	EAP620 HD	EAP610			
Name		AX3600 Wireless Dual-Band Multi-	AX1800 Ceiling Mount Wi-Fi 6	AX1800 Ceiling Mount Wi-Fi 6			
	I	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					
	Maximum Data Rate	1148 Mbps (2.4 GHz)	574 Mbps (2.4 GHz)	574 Mbps (2.4 GHz)			
		+2402 Mbps (5 GHz)	+1201 Mbps (5 GHz)	+1201 Mbps (5 GHz)			
Main Design	Concurrent Clients	1000+	1000+	250+			
iviairi Desigri	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 (5 GHz)				
	Omada Software Controller	(5 GHz)	(5 GHZ)	(5 GHz)			
Centralized Management	Omada Hardware Controller	•					
Gentralized ivial lagement	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, 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	•	1	I			
Jiodo i dilottori	MU-MIMO	•					
	Rate Limit	Based on SSID/Client					
	Load Balance	•					
	Airtime Fairness	•					
	Band Steering	•					
	RADIUS Accounting	•					
	MAC Authentication	•					
	Reboot Schedule	•					
	Wireless Schedule	•					
	Wireless Statistics	•					
	vvii eless statistics	-					

^{*} 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);					
	EUMOULLEUR	Operating Humidity: 10%–90% non-condensing;						
		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	1	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/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)	•			I			
	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) 6.5 Mbps to 867 Mbps (MCS0-MCS9, NSS = 1 to 2 VHT20/40/80)		-			
Support Data Rates	802.11n	6.5 Mbps to 450 Mbps (MCS0-MCS23, HT20/40)			6.5 Mbps to 300 N 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	3, 54 Mbps		-		
	LED ON/OFF Control	rol •					
	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	Adi al Lacada i Da
	Transmit Power Control	Adjust transmit Power on dBm
	QoS (WMM)	•
	Seamless Roaming	
	Mesh	•
Wireless Function	Beamforming	
	MU-MIMO	• COLD/Ol's
	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);
	Environment	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	•					
Centralized Management	Omada Hardware Controller	•					
	Omada APP	•					
	Captive Portal Authentication	•					
	Access Control	•					
Security	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	•			<u>'</u>			
	Management MAC Access							
	Control	ľ						
	Web-based Management	•						
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 (WILLIOUL POE OUL)	/ VV	9.8 W (WILFIOUR POE OUL)	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);					
34.010	Environment	Storage Temperature: -40	°C-70 °C (-40 °F-158 °F);					
	LIVIIOTITIOTIC	Operating Humidity: 10%-	-90% non-condensing;					
		Storage Humidity: 5%–90	% non-condensing;					

Mode EAP610 Outdoor Name AX1800 Indoor/Outdoor Wi-Fi 6 Access Point Wi-Fi Standards 1x Gigobit Elberner Port Main Design 2FEB 2011 Inskendingbite Main Design 2FEB 2011 Inskendingbite Antennas 2FEB 2011 Inskendingbite Antennas 2FE 40 Mays (2.4 GHz) + 1201 Mitps (6 GHz) Antennas 2A GHz+ 4 dBt, 5 GHz, 5 dBt Antennas 2A GHz+ 4 dBt, 5 GHz, 5 dBt Antennas 2A GHz+ 4 dBt, 5 GHz, 5 dBt Centralized Management 0mada Software Controller • Omeda APP • • Omeda APP 4000 • Access Control 4000 • Access Control 4000 • Maintrum number of MAC Filter 4000 • Microsis Encryption WPA-Personal/Enterprise. WPA2-Personal/Enterprise Multiple SSIDs 16 If or each bandl • Enable/Disable SSIDs Broadcast • • Automatic Channel Assignment • • Automatic Channel Assignment • • <th>Outdoor 802.11ax</th> <th>AP</th> <th></th>	Outdoor 802.11ax	AP	
LAN Interfaces	Model		EAP610-Outdoor
Main Design	Name		AX1800 Indoor/Outdoor Wi-Fi 6 Access Point
Main Design Maximum Data Rate 574 Mbps (2.4 GHz) = 1201 Mbps (5 GHz) Concurrent Clients 256 Antennas 2 Internal Dual-Band Ormil Antennas 2.4 GHz. 4 GBz, 5 GHz CE < 20 dBm (2.4 GHz, EIRP), < 30 dBm (5 GHz, EIRP);		LAN Interfaces	1 x Gigabit Ethernet Port
Main Design Maximum Data Rate \$74 Mbps (2.4 GHz) ± 1201 Mbps (5 GHz) Concurrent, Clients 256 Antannas 2 Internal Dual-Band Omni Antermas 2.4 GHz 4 dbt; 5 GHz 2.4 GHz 4 dbt; 5 GHz Transmit Power CE < 20 dBm (2.4 GHz, EIRP); < 30 dBm (6 GHz, EIRP); FCC, < 25 dBm (2.4 GHz), < 25 dBm (16 GHz)		Wi-Fi Standards	
Main Design Concurrent Clients 256 Antennas 2 Internal Dual-Band Ormi Antennas 2.4 GHz. 4 dBi. 5 GHz. 5 dBi Cer < 20 dBm (2.4 GHz., ERRP), < 30 dBm (5 GHz, ERRP),		Maximum Data Rate	-
Antennas		Concurrent Clients	
2.4 GHz. 4 GHz. 5 GHz. 5 GHz. EIRP); Transmit Power Cer. 22 o d Bm (2.4 GHz. EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP), < 30 d Bm (5 GHz. EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP); FCC: < 25 d Bm (2.4 GHz. 2 EIRP)	Main Design		2 Internal Dual-Band Omni Antennas
Transmit Power		Antennas	2.4 GHz: 4 dBi; 5 GHz: 5 dBi
			CE: < 20 dBm (2.4 GHz, EIRP), < 30 dBm (5 GHz, EIRP);
Centralized Management Omada APP • Captive Portal Authentication Access Control • Maximum number of MAC Filter Access Control • Maximum number of MAC Filter Access Control • Wireless Isolation between Clients • VLAN • Rogue AP Detection • Wireless Encryption WPA-Personal/Enterprise, WPA2-Personal/Enterprise 802.1 X Support • Enable/Disable Wireless Radio • Automatic Channel Assignment • Tansmit Power Control Adjust transmit Power on dBm Qos (WMM) • Seamless Roaming • Mesh • Beard Steeding • MU-MMO • Rate Limit Based on SSID/Client Load		Transmit Power	FCC: < 25 dBm (2.4 GHz), < 25 dBm (5 GHz)
Captive Portal Authentication		Omada Software Controller	•
Captive Portal Authentication	Centralized Management	Omada Hardware Controller	•
Access Control Maximum number of MAC Filter 4000		Omada APP	•
Maximum number of MAC Filter 4000		Captive Portal Authentication	•
Nireless Isolation between Clients		Access Control	•
Security Clients * VLAN • Rogue AP Detection • Wireless Encryption WPA-Personal/Enterprise, WPA2-Personal/Enterprise 802.1X Support • Bo2.1X Support • 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 • Mesh Beamforming Wireless Function MU-MIMO Rate Limit Based on SSID/Client Load Balance • Airtime Fairness • Band Steering • RADIUS Accounting • Raboot Schedule • Wireless Schedule • Wireless Statistics • Static IP/Dynamic IP • Bo2.11ac 802.11ac		Maximum number of MAC Filter	4000
Security Clients VLAN • Rogue AP Detection • Wireless Encryption WPA-Personal/Enterprise, WPA2-Personal/Enterprise B02.1X Support • Multiple SSIDs 16 (8 for 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 • McS • Mu-MIMO • Rate Limit Based on SSID/Client Load Balance • Airtime Fairness • Band Steering • RADIUS Accounting • MAC Authentication • Reboot Schedule • Wireless Statistics • Static IP/Dynamic IP • Wireless Statistics • <t< td=""><td></td><td>Wireless Isolation between</td><td></td></t<>		Wireless Isolation between	
Rogue AP Detection Wireless Encryption WPA-Personal/Enterprise, WPA2-Personal/Enterprise 802.1X Support •	Security	Clients	, and the second
Wireless Encryption WPA-Personal/Enterprise, WPA2-Personal/Enterprise		VLAN	•
802.1X Support •		Rogue AP Detection	•
Multiple SSIDs		Wireless Encryption	WPA-Personal/Enterprise, WPA2-Personal/Enterprise
Enable/Disable Wireless Radio		802.1X Support	•
Enable/Disable SSID Broadcast Guest Network Automatic Channel Assignment Transmit Power Control Adjust transmit Power on dBm QoS (WMM) Seamless Roaming Mesh 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 802.11ax 802.11ac 802.11a 6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40) 802.11g 6.9, 12, 18, 24, 36, 48, 54 Mbps 802.11 Mbps (MCS0-MCS15, HT20/40) 802.11g 6.9, 12, 18, 24, 36, 48, 54 Mbps 802.11 Mbps (MCS0-MCS15, HT20/40) 802.11g 6.9, 12, 18, 24, 36, 48, 54 Mbps 802.11 Mbps (MCS0-MCS15, HT20/40) 802.11b 1.2, 5.5, 11 Mbps 802.11 Mbps (MCS0-MCS15, HT20/40) 802.11b 1.2, 5.5, 11 Mbps 802.11 Mbps (MCS0-MCS15, HT20/40) 802.11b 1.2, 5.5, 11 Mbps 802.11 Mbps (MCS0-MCS15, HT20/40) 802.11b 1.2, 5.5, 11 Mbps 802.11 Mbps (MCS0-MCS15, HT20/40) 802.11b 1.2, 5.5, 11 Mbps 802.11 Mbps (MCS0-MCS15, HT20/40) 802.11b 1.2, 5.5, 11 Mbps 802.11 Mbps (MCS0-MCS15, HT20/40) 802.11b 1.2, 5.5, 11 Mbps 802.11 Mbps 802.11 Mbps (MCS0-MCS15, HT20/40) 802.11b 1.2, 5.5, 11 Mbps 802.11 Mbps 8		Multiple SSIDs	16 (8 for each band)
Guest Network		Enable/Disable Wireless Radio	•
Automatic Channel Assignment Transmit Power Control Adjust transmit Power on dBm		Enable/Disable SSID Broadcast	•
Transmit Power Control Adjust transmit Power on dBm		Guest Network	•
QoS (WMM) •		Automatic Channel Assignment	•
Seamless Roaming •		Transmit Power Control	Adjust transmit Power on dBm
Mesh •		QoS (WMM)	•
Beamforming •		Seamless Roaming	•
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 • 802.11ax 8 Mbps to 1201 Mbps (MCS0-MCS11, NSS = 1 to 2 HE20/40/80) 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) 802.11g 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11b 1, 2, 5.5, 11 Mbps		Mesh	•
Rate Limit Based on SSID/Client		Beamforming	•
Load Balance • Airtime Fairness • Band Steering • RADIUS Accounting • MAC Authentication • Reboot Schedule • Wireless Schedule • Wireless Statistics • Static IP/Dynamic IP • 802.11ax 802.11ac 802.11ac 802.11ac 6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40) 802.11b 6.9, 12, 18, 24, 36, 48, 54 Mbps 802.11 Mbps 802.11b 1, 2, 5.5, 11 Mbps	Wireless Function	MU-MIMO	•
Airtime Fairness		Rate Limit	Based on SSID/Client
Band Steering •		Load Balance	•
RADIUS Accounting •		Airtime Fairness	•
MAC Authentication Reboot Schedule Wireless Schedule Wireless Statistics Static IP/Dynamic IP 802.11ax 802.11ax 802.11ac 802.11b 802		Band Steering	•
Reboot Schedule •		RADIUS Accounting	•
Wireless Schedule • Wireless Statistics • Static IP/Dynamic IP • 802.11ax 8 Mbps to 1201 Mbps (MCS0-MCS11, NSS = 1 to 2 HE20/40/80) 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) 802.11g 6,9,12,18,24,36,48,54 Mbps 802.11b 1,2,55,11 Mbps		MAC Authentication	•
Wireless Statistics •		Reboot Schedule	•
Static IP/Dynamic IP 802.11ax 802.11ax 802.11ac 802.11ac 802.11ac 802.11ac 802.11ac 802.11ac 6.5 Mbps to 867 Mbps (MCS0-MCS1, NSS = 1 to 2 VHT20/40/80) 802.11ac 802.11ac 6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40) 802.11b 6.9, 12, 18, 24, 36, 48, 54 Mbps 802.11b 1, 2, 5.5, 11 Mbps		Wireless Schedule	•
8 Mbps to 1201 Mbps (MCS0-MCS11, NSS = 1 to 2 HE20/40/80) 802.11ac 802.11ac 8 Mbps to 1201 Mbps (MCS0-MCS11, NSS = 1 to 2 VHT20/40/80) 802.11ac 802.11ac 802.11ac 6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40) 802.11b 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11b 1, 2, 5.5, 11 Mbps		Wireless Statistics	•
802.11ax HE20/40/80) 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) 802.11g 6,9,12,18,24,36,48,54 Mbps 802.11b 1,2,5.5,11 Mbps		Static IP/Dynamic IP	•
HE20/40/80 802.11ac 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) 802.11g 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11b 1, 2, 5.5, 11 Mbps		000 1100	8 Mbps to 1201 Mbps (MCS0-MCS11, NSS = 1 to 2
802.11ac VHT20/40/80) 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		8UZ.ITAX	HE20/40/80)
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		802.11ac	6.5 Mbps to 867 Mbps (MCS0-MCS9, NSS = 1 to 2
802.11n 6.5 Mbps to 300 Mbps (MCS0-MCS15, H120/40) 802.11g 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11b 1, 2, 5.5, 11 Mbps	Cupport Data Data	002.1100	VHT20/40/80)
802.11b 1, 2, 5.5, 11 Mbps	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
802.11a 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



Outdoor 802.11ax AP				
Model		EAP610-Outdoor		
	LED ON/OFF Control	•		
	Management MAC Access	•		
	Control			
	Web-based Management	•		
	Telenet	•		
M	SNMP	v1, v2c, v3		
Management	SSH	•		
	Restore & Backup	•		
	Firmware update via Web	•		
	NTP	•		
	System Log	•		
	Email Alerts	•		
	Power Supply	802.3at PoE or 48V Passive PoE (PoE Adapter		
		Included)		
Physical & Environment	Maximum Power Consumption	EU: 12.5W (802.3at PoE or Passive PoE)		
Physical & Environment	Waximum ower consumption	US: 14.7W (802.3at PoE or Passive PoE)		
	Reset	•		
	Mounting	Pole/Wall mouting (Kits included)		
	Certifications	CE, FCC, RoHS		
	Dimensions (W x D x H)	280.4 × 106.5 × 56.8 mm		
Others		Operating Temperature: -30 °C-70 °C (-22 °F-158 °F);		
Carons	Environment	Storage Temperature: -40 °C-70 °C (-40 °F-158 °F);		
	Environment	Operating Humidity: 10%–90% non-condensing;		
		Storage Humidity: 5%–90% non-condensing;		

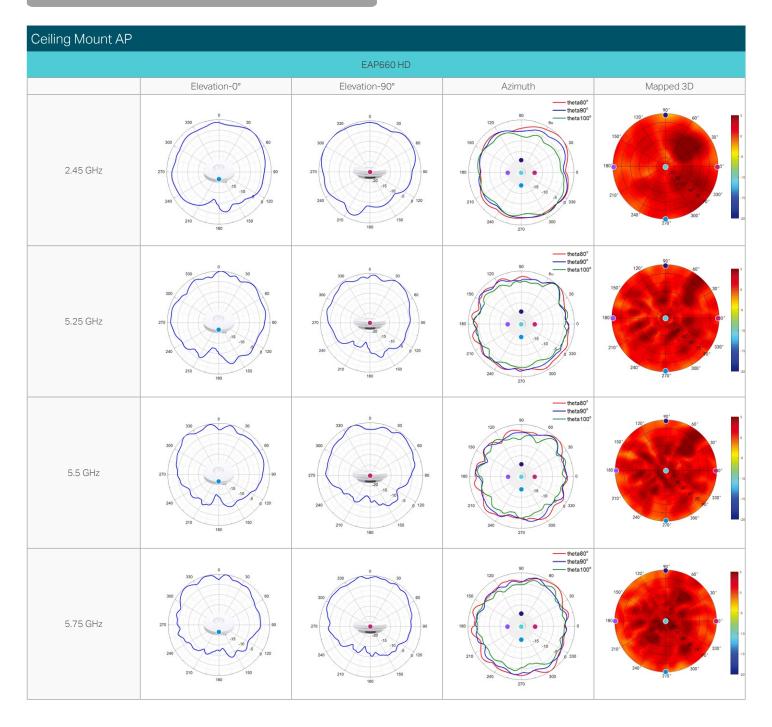


Outdoor 802.11n/a	ac AP			
Model		EAP225-Outdoor	EAP110-Outdoor	
Name		AC1200 Wireless MU-MIMO Gigabit Indoor/Outdoor Access Point	300 Mbps Wireless N Outdoor Access Point	
	LAN Interfaces	1 x Gigabit Ethernet Port	1 x 10/100 Mbps Ethernet Port	
	Wi-Fi Standards	IEEE 802.11b/g/n/ac	IEEE 802.11b/g/n	
	Maximum Data Rate	300 Mbps (2.4 GHz) + 867 Mbps (5 GHz)	300 Mbps (2.4 GHz)	
Main Design	Concurrent Clients	220+	100	
Maii Desigii	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	-	



Outdoor 802.11n/a	nc 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);	
Otriors	Environment	Storage Temperature: -40 °C-70 °C (-40 °F-158 °F);	Storage Temperature: -40 °C-70 °C (-40 °F-158 °F);	
	LIMIOIIIICIIL	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	330 300 270 240 210 190 150 150	330 300 270 240 210 150 150	150 60 theta90' theta90' theta 100' theta 10	150° 20° 20° 20° 20° 20° 20° 20° 20° 20° 2
5.25 GHz	270 240 210 150 150	270 240 240 219 180 190	theta80° theta100° theta10	150 00° 00° 150 150 150 150 150 150 150 150 150 150
5.5 GHz	330 300 270 240 210 180 150	270 240 210 150 300 60 60 90 90	theta80° theta80° theta80° theta90° the	150° 40° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3
5.75 GHz	270 240 210 180	330 300 270 30 30 30 30 30 30 30 30 30 30 30 30 30	theta80° theta90° the	150° 120° 150° 150° 150° 150° 150° 150° 150° 15

Ceiling Mount AP				
		EAP610		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	300 270 240 210 150 150	270 240 210 180 300 60 60 60 60 60 60 150 150 150	theta80° theta 100° th	150° 40° 50° 50° 50° 50° 50° 50° 50° 50° 50° 5
5.25 GHz	270 240 210 150 150	330 300 270 240 219 180 190	theta80° theta100° theta100° theta100° 210 300 300 300	150 00° 00° 30° 30° 150° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3
5.5 GHz	270 240 210 180	300 270 240 210 160 300 60 60 60 60 60 60 60 60 60 60 60 60 6	theta80° theta80° theta80° theta90° the	150° 40° 50° 30° 1150° 30° 1150° 30° 1150° 30° 1150° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3
5.75 GHz	279 246 210 150	330 300 270 240 240 210 150	theta80° theta90° the	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	330 300 270 240 210 150 150	300 300 270 240 240 210 150 150	#eta80° — theta80° — theta80° — theta80° — theta90° — t	150° 60° 5 150° 60° 5 180° 60° 60° 60° 60° 60° 60° 60° 60° 60° 6
5.25 GHz	330 300 270 240 210 150 150	330 300 270 280 180 150 150	theta80° theta80° theta90° theta90° theta100° 300 150 210 210 300 300	150° 500° 500° 500° 500° 500° 500° 500°
5.5 GHz	279 246 210 150 150	300 300 300 300 300 300 300 60 60 90 300 300 300 300 300 300 300 300 300	# theta80° — theta90° — theta90° — theta90° — theta100° — theta100	150° 00° 00° 150° 150° 150° 150° 150° 15
5.75 GHz	330 300 300 300 300 300 300 300 300 300	270 240 219 180 300 90 90 90 90 90 90 90 90	#eta80° — theta90° — theta90° — theta100°	150° 60° 30° 150° 240° 270° 300° 20° 20° 20° 20° 20° 20° 20° 20° 20°

Ceiling Mount AP				
		EAP245		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	330 300 270 240 210 180 150 150	330 300 270 240 210 150 150 150	theta80° theta100° theta100° 210 200 330 330 330	150° 40° 30° 1150° 30° 210° 210° 210° 210° 210° 210° 210° 21
5.25 GHz	279 240 210 160 150	330 300 270 280 355 16 36 30 240 210 180	theta80° theta100° theta100° 150 150 150 150 150 150 150 150 150 15	150° 00° 00° 150° 150° 150° 150° 150° 15
5.5 GHz	270 240 210 150 150	330 300 270 240 210 180 30 30 60 60 60 60 60 120	# theta80° — theta90° — theta90° — theta100° — theta10	150° 00° 00° 30° 150° 30° 30° 150° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3
5.75 GHz	270 240 210 150	300 270 240 210 150 150	theta80° theta90° theta100° theta100° and a second	180° 40° 40° 40° 40° 40° 40° 40° 40° 40° 4

Ceiling Mount AP				
		EAP225		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	279 240 210 180 190 300 300 300 80 80 80 80 190 190 190 190 190 190 190 19	270 240 210 150 150		150° 40° 40° 150° 150° 150° 150° 150° 150° 150° 15
5.25 GHz	270 240 210 180 330 40 40 40 40 150	270 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	theta80° theta90° theta90° theta100° theta10° th	150° 460° 150° 460° 150° 150° 150° 150° 150° 150° 150° 15
5.5 GHz	270 240 210 150 150	270 240 210 150 150	theta80° theta90° theta90° theta100°	120° 20° 30° 30° 31° 32° 32° 32° 32° 32° 32° 32° 32° 32° 32
5.75 GHz	270 240 210 150 150	270 240 210 150 150	theta80° theta90° the	150° 460° 30° 150° 30° 150° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3

Ceiling Mount AP				
		EAP115		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	330 330 300 300 300 300 300 300	300 300 300 300 300 300 300 300 300 300		150°

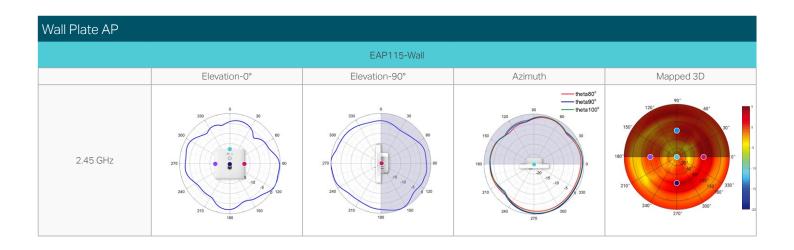
Ceiling Mount AP				
		EAP110		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	300 300 270 300 300 300 300 400 400 300 300 300 30	270 240 210 210 300 90 90 90 90 90 90 90 90 90 90 90 90 9	theta80° theta90° theta 100° thet	180 30° 30° 30° 210° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3

Wall Plate AP				
		EAP615-Wall		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	330 300 300 300 300 300 600 600	270 240 210 150 150	theta80° — theta90° — theta 100° — theta 100° — theta 100°	180° 40° 40° 40° 180° 180° 180° 180° 180° 180° 180° 18
5.25 GHz	270 240 210 190 150	279 249 210 150 150		150 90° 90° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3
5.5 GHz	270 0 15 16 150	270 240 210 150	# the tab 0"	150' 40' 30' 31' 31' 31' 31' 31' 31' 31' 31' 31' 31
5.75 GHz	270 0 150 150	270 240 210 150 150	# the tab 0 2	150 90° 40° 30° 30° 210° 270° 300° 270° 300° 270°

Wall Plate AP				
		EAP235-Wall		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	330 300 300 300 300 300 300 300	270 240 210 150 150	150	150° 40° 30° 150° 30° 30° 150° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3
5.25 GHz	270 240 210 180 150	279 249 210 150 150	180 100° 100° 100° 100° 100° 100° 100° 1	150° 00° 00° 00° 00° 00° 00° 00° 00° 00°
5.5 GHz	270 240 210 15 16 150	270 240 210 180 333 90 90 90 90 150	150 60 theta90° theta 100° theta	150° 90° 30° 150° 330° 150° 270° 300° 270° 300° 270° 300° 30° 30° 30° 30° 30° 30° 30° 30°
5.75 GHz	270 240 210 180 150	270 240 210 150 150	theta80° theta90° theta90° theta90° theta100° theta90° theta100° t	90° 150° 210° 240° 270° 90° 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	330 300 270 300 300 300 300 300 300 300 300 300 3	278 000 150 150	theta80° theta90° theta90° theta 100° theta	180° 00° 00° 180° 180° 180° 180° 180° 18
5.25 GHz	270 240 210 180 300 60 60 60 60 60 60 150	330 300 270 240 210 150 150	theta80° theta90° theta90° theta100°	180 180 180 180 180 180 180 180 180 180
5.5 GHz	270 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	270 240 240 150 150		120 00° 130° 330° 110 110 110 110 110 110 110 110 110 1
5.75 GHz	330 300 270 240 210 150	330 300 270 240 240 210 150 150		120° 90° 120° 30° 110

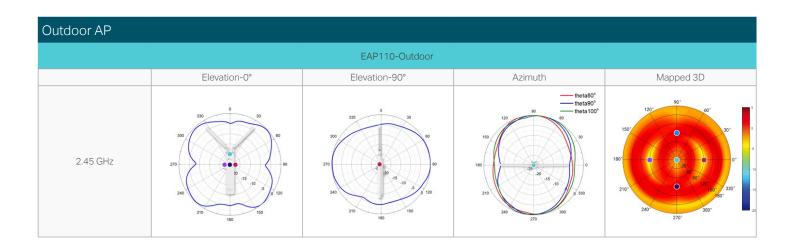
Wall Plate AP					
	EAP225-Wall				
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D	
2.45 GHz	270 240 210 180 150	270 240 210 150 150	theta80° — theta 100° — theta 1	150° 40° 30° 30° 30° 210° 30° 30° 30° 30° 30° 30° 30° 30° 30° 3	
5.25 GHz	330 0 300 0 0 0 0 0 0 0 0 0 0 0 0	330 300 270 240 240 250 150 150 150	theta80° theta90° theta100° theta100	150° 00° 100° 100° 100° 100° 100° 100° 1	
5.5 GHz	270 240 210 180 300 60 60 60 60 120	330 300 270 240 240 210 150 150	#eta80° #beta90° #bet	150 90° 150 30° 150 150° 150° 150° 150° 150° 150° 150	
5.75 GHz	270 240 210 180 190 190	300 270 240 210 150 150	#eta80° — theta90° — theta90° — theta90° — theta100° —	150 90° 100° 30° 100° 270° 270° 270° 20° 20° 20° 20° 20° 20° 20° 20° 20° 2	





Outdoor AP				
		EAP610-Outdoor		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	270 240 210 210 300 300 60 60 60 60 60 60 60 60 60 60 60 60 6	330 300 270 280 210 180 150 150	the ta 80° the ta 100° the ta	150°
5.25 GHz	200 330 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3300 0 20 270 60 240 25 35 35 10 50 210 150 150	theta80° theta90° theta90° theta100°	150' 40' 5 0 150' 150' 270' 270' 200' 200' 200' 200' 200' 20
5.5 GHz	270 220 240 210 150 150 150	330 300 300 300 300 300 300 300	theta80° theta90° theta90° theta100°	150° 60° 5 180° 30° 0° 180° 330° 330° 330° 330° 330° 330° 330° 3
5.75 GHz	270 220 240 240 210 150 150	270 240 210 150 150	theta80° theta90° theta90° theta100° theta 100°	150° 00° 00° 00° 00° 00° 00° 00° 00° 00°

Outdoor AP				
		EAP225-Outdoor		
	Elevation-0°	Elevation-90°	Azimuth	Mapped 3D
2.45 GHz	270 240 210 160 300 60 60 60 60 60 60 150 150	300 270 240 210 150 150	#eta80° #reta80° #reta80° #reta80° #reta80° #reta80° #reta100° #re	150° 60° 10° 10° 10° 10° 10° 10° 10° 10° 10° 1
5.25 GHz	330 300 270 300 300 300 300 300 300 300 3	300 270 240 210 150 150	theta80° theta100° theta10	90° 00° 00° 00° 00° 00° 00° 00° 00° 00°
5.5 GHz	270 240 210 150 150	330 300 270 240 240 210 150 150	## theta 80° ## theta 100° ## thet	150° 00° 00° 00° 00° 00° 00° 00° 00° 00°
5.75 GHz	270 240 210 180 300 0 150 0 150	330 300 270 240 240 210 160 150 150	theta80° theta80° theta80° theta80° theta90° theta100° 00 00 00 00 00 00 00 00 00 00 00 00	150° 40° 300° 150° 210° 240° 270° 300° 300° 300° 300° 300° 300° 300° 3



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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