# AP One AX Lite

Ideal for Those Needing an Enterprise Network Extended



# Integrated Wi-Fi 6 Technology



Manage Centrally With No Additional Hardware Needed

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Wi-Fi Managem	ent 🗹			Radio	Settings > Usage Report	t Search & Filter	Device Tags:	
Add new SSID					evel Fullbright International Corp Wi-	🙏 Mon 17 20.58 GMT+	1800 allanti@peplink.com   Sign.out	UL2TP AtProbe GPIO UART
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Production	WPA2 - Personal	J	2.4 GHz band only	Usage Reports				
_Guest_2.4G	WPA/WPA2 - Personal	~	2.4 GHz band only	Data Usage: O Hourly  Daily O Monti Device Selection:  All O By products				18
_Guest_5G	WPA2 - Personal	J	5 GHz band only	Generate Report	,			Type Details ystem Time synchronization successful
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	nageme	nt		Day	Download	Upload \$	Total 🗘	Searchable Event Log
SSID Management				2020-07-13	52.90 GB	17.21 GB	70.11 GB	Searchable Event Log
				2020-07-12 2020-07-11	14.86 GB 15.34 GB	0.67 GB	15.54 GB 16.01 GB	

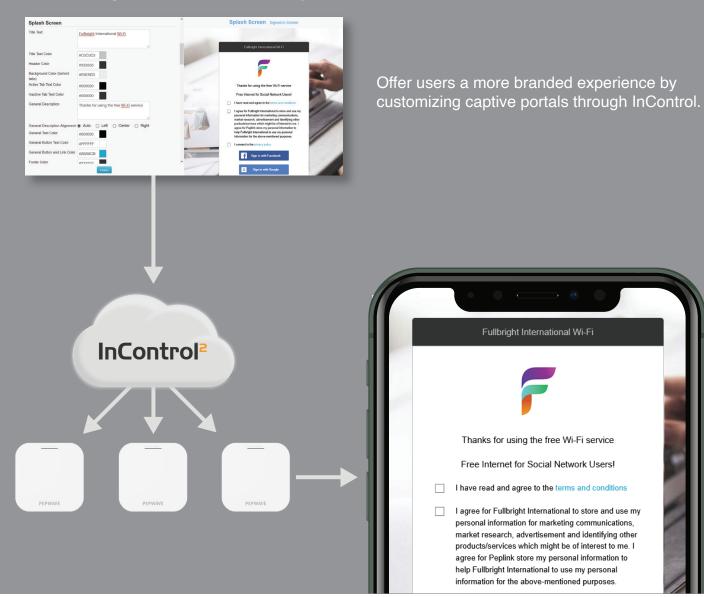
AP One AX Lite comes equipped with InControl central management. Giving users the ability to control and monitor their network from any web browser. Manage network SSIDs, radio settings, and search event logs with ease to diagnose the entire network.



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## **Turnkey or Custom Captive Portals**





### Wi-Fi Just Got Better

Integrated Wi-Fi 6 is 45% faster than the average Wi-Fi 5, has 4 more device capacity and consumes less power for connected devices.

#### **Enterprise-Grade Roaming Speeds**

Supports 802.11k/v/r, providing users a seamless roaming experience between access points.



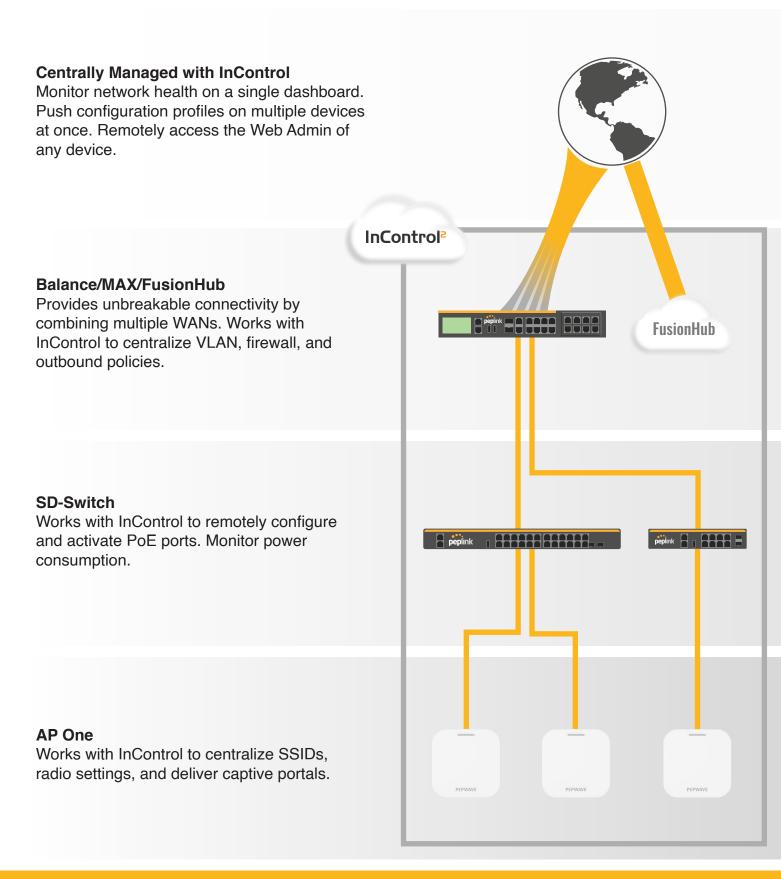




©Peplink. All rights reserved. Ref no.: apo-ax-lite-2021-v1 Seamless Peplink SD-WAN Integration



Effortlessly integrate Peplink solutions with **AP One AX Lite** to provide unique network capabilities and network flexibility, making the whole experience more user friendly.





# AP One AX Lite



802.3at 12V DC PoE<sup>#</sup> Connector



### Specifications

Hetmork Ports1 x 1Gbps Gigabi EthernetNetworkBridge Mode Roder, NPA Mode Mether Meth				
In Youndation1 x 2 GHz 802.11b/g/n/ax 1 x 5GHz 802.11a/n/ac/axSupport for PPPE. State IP, DHCP Management VLANRadio Chains/Streams2 x 2.2RadioMultiple SSID Auto Channel SelectionData Rates2.4 GHz: up to 574 Mbps 5 GHz: up to 1200 MbpsRadioMultiple SSID Auto Channel SelectionChannel Width20/40/80 MHzAP SecurityOpen WPA/WPA2/PRA3-Personal WPA/WPA2-EnterpriseRecommended clients per Radio16Device ManagementUMASSID Per Radio16Device ManagementWeb Administrative Interface InControl Cloud Management SIMP v1, v2c and v3Antenna2412 - 2472 MHz: 19dBm 5180 - 5825 MHz: 19dBm 5180 - 5825 MHz: 19dBmDevice Management Polinik AP Controller SIMP v1, v2c and v3AntennaBuilt-In Onmi antenna: 2 x 3dBi - 5GHzClient Management VLAN with CoS (802.1p/802.1q) ULAN with CoS (802.1p/802.1q) ULAN with CoS (802.1p/802.1q) Bandwidth Control MAC Addres Filtering Layer 2 Client IsolationWeight0.84 pounds / 382 gramsVLAN with CAN S(802.1p/802.1q) ULAN with VLAN Pool Bandwidth Control MAC Addres Filtering Layer 2 Client IsolationPower Input(2V DC Jack (Plug 5.5 x 2.1 mm, center positive)* 802.3at PoE*Captive Portal by InControlPower Consumption14.5W (max.)Captive Portal by InControlOperating Temperature32% - 104% from CPackage ContentsAP One AX Lie, Celling Mount Base (15/16* T-Rail), Celling Mount Base	Ethernet Ports		Network	Router (NAT) Mode
Radio Chains/Streams     2 x 2:2       Data Rates     2 4 GHz: up to 574 Mbps 5 GHz: up to 1200 Mbps     Radio     Multiple SSID Auto Channel Selection Transmit Power Adjustment Neighbor AP Detection       Channel Width     20/40/80 MHz     AP Security     Open WPAWPA2/WPA3/Personal WPAWPA2/PMPA2/Enterprise       SSID Per Radio     16     Device Management     Web Administrative Interface InControl Cloud Management S180 - 5825 MHz: 19dBm       Antenna     2412 - 2472 MHz: 19dBm     Device Management     Web Administrative Interface Police Management       Built-In Omni antenna: 2 x 3dBi - 24GHz     Client Management     Per SSID VLAN with QC ontroller SIMP v1, v2c and v3       Enclosure     Penum-rated enclosure     VLAN with QC (19/102.19) Bandwidth Control       Dimensions     5.9 x 6.3 x.1 sinches 160 x 160 x 33 mm     Client Management VLAN with VLAN Pool Bandwidth Control       Power Input     0.84 pounds / 382 grams     Captive Portal by InControl       Power Consumption     1.55W (max.)     Captive Portal by InControl       Power Consumption     1.55W (max.)     Package Contents     AP One AX Lite, Ceiting Mount Base (9/16" T-Rail), Ceiting Mount Base (9/16" T-Rail), Ceiting Mount Base (15/16" T-Rail), Ceiting Mount Base (15	Wi-Fi Standard	1 x 2.4GHz 802.11b/g/n/ax		Support for PPPoE, Static IP, DHCP Management VLAN
Data Rates     2.4 CHz: up to 574 Mbps 5 GHz: up to 1200 Mbps     Auto Channel Selection Transmit Power Adjustment Neighbor AP Detection       Channel Width     20/40/80 MHz     AP Security     Open WPA/WPA2.Personal WPA/WPA2.Entreprise       SSID Per Radio     16     Web Administrative Interface InControl Cloud Management 5180 - 5825 MHz: 19dBm     Device Management     Web Administrative Interface InControl Cloud Management Peplink AP Controller SNIMP v1, v2c and v3       Antenna     24.12 - 2472 MHz: 19dBm 5180 - 5825 MHz: 19dBm     Client Management     Per SSID VLAN with QOS (802.1p/802.1q) Bandwidth Control MAXC Address Filtering Lawyer 2 Client Isolation Limit on Max. Number of Clients       Precisure     Plenum-rated enclosure     Per SSID VLAN with QOS (802.1p/802.1q) Bandwidth Control MAC Address Filtering Lawyer 2 Client Isolation Limit on Max. Number of Clients       Weight     0.84 pounds / 382 grams     Per Client (Plug 5.5 x 2.1 mm, center positive)* 802.3at POE*     Captive Portal by InControl       Power Consumption     14.5W (max.)     Captive Portal by InControl     AP One AX Lile, Ceiling Mount Base (9/16* T-Rail), Ceiling Mount Base (9/16* T-Rail), Ceiling Mount Base (9/16* T-Rail), Ceiling Mount Base (15/16*	Radio Chains/Streams	2 x 2:2	Padio	
AP Security     Open WPA/WPA2/Enterprise       Recommended clients per Radio     16     WPA/WPA2/Enterprise       SSID Per Radio     16     Web/Administrative Interface InControl Cloud Management S180 – 5825 MHz: 19dBm     Device Management     Web Administrative Interface InControl Cloud Management Peplink AP Control Cloud Management Per Client VLAN with OOS (602.1p/602.1q) Bandwidth Control MAC Address Filtering Layer 2 Client Isolation Limit on Max. Number of Clients       Meight     0.84 pounds / 382 grams       Power Input     12V DC Jack (Plug 5.5 x.2.1 mm, center positive)* 802 3at PoE*       Power Consumption     14.5W (max.)       Operating Temperature     2FC, CE, RoHS       Operating Temperature     FCC, CE, RoHS		5 GHz: up to 1200 Mbps	Raulo	Auto Channel Selection Transmit Power Adjustment
Recommended clients per Radio       256       WPAWWPA2/WPA3-Personal WPAWWPA2/MPA3-Personal WPAWWPA2-Enterprise         SUD Per Radio       16       Web Administrative Interface InControl Cloud Management S180 - 5825 MHz: 19dBm       Device Management Incontrol Cloud Management Peplink AP Control         Enclosure       Per SSID       VLAN with QOS (802.1p/802.1q)         Dimensions       5.9 x 5.9 x 1.3 inches 160 x 160 x 33 mm       Per Client VLAN with RADIUS VLAN with VLAN with RADIUS VLAN with VLAN Pool Bandwidth Control Multicast Filter ICMP S2.1 mm, center positive)*       Per Client VLAN with VLAN Pool Bandwidth Control Multicast Enhancement         Power Consumption       14.5W (max.)       Captive Portal by InControl       Per Client S2.1 mm, center positive)*	Channel Width	20/40/80 MHz	1 <b>7.0</b> 1	
Device ManagementWeb Administrative Interface InControl Cloud Management Per SID VLAN with Cost Cost Controller SNMP v1, v2c and v3AntennaBuilt-in Omni antenna: 2 x 3dBi - 2.4GHz 2 x 3dBi - 2.4GHz 2 x 3dBi - 5GHzClient Management Per SID VLAN with Cos (802.1p/802.1q) Bandwidth Control MAC Address Filtering Layer 2 Client Isolation Limit on Max. Number of ClientsEnclosurePlenum-rated enclosure 160 x 160 x 33 mmClient Management VLAN with Cos (802.1p/802.1q) Bandwidth Control Mac Address Filtering Layer 2 Client Isolation Limit on Max. Number of ClientsWeight0.84 pounds / 382 gramsPer Client VLAN with VLAN Pool Bandwidth Control Wulkicast Filtering ULAN with VLAN Pool Bandwidth Control Multicast Filter IGMP Snooping/Multicast EnhancementPower Consumption14.5W (max.)Captive Portal by InControlOperating Temperature32°F - 104°F 0°C - 40°CPackage ContentsAP One AX Lite, Ceiling Mount Base (9/16° T-Rail), Ceiling Mount Base (15/16° T-Rail), Mount Base (15/16° T-Rail), Moun	Recommended clients per Radio	256	AP Security	WPA/WPA2/WPA3-Personal
Maximum transmit Power (single chain)2412 – 2472 MHz: 19dBmIn Control Cloud Management Peplink AP Controller SNMP v1, v2c and v3AntennaBuilt-in Omni antenna: 2 x 3dBi - 2.4GHzClient ManagementPer SSID VLAN with QoS (802.1p/802.1q) Bandwidth Control MAC Address Filtering Layer 2 Client Isolation Limit on Max. Number of ClientsEnclosurePlenum-rated enclosurePer SliD VLAN with QoS (802.1p/802.1q) Bandwidth Control MAC Address Filtering Layer 2 Client Isolation Limit on Max. Number of ClientsWeight0.84 pounds / 382 gramsPer Client VLAN with VLAN Pool Bandwidth Control Multicast Filter IGMP Snooping/Multicast EnhancementPower Input12V DC Jack (Plug 5.5 x 2.1 mm, center positive)* 802.3at PoE*Captive Portal by InControlPower Consumption14.5W (max.)Captive Portal by InControl Client Isolation Base (9/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), <b< th=""><th>SSID Per Radio</th><th>16</th><th></th><th></th></b<>	SSID Per Radio	16		
AntennaBuilt-in Omi antenna: 2 x 3dBi - 2 dGHz 2 x 3dBi - 5 GHzClient ManagementSNMP v1, v2c and v3EnclosurePlenum-rated enclosureVLAN with QoS (802.1p/802.1q) Bandwidth Control 			Device Management	InControl Cloud Management
AntennaBuilt-in Omni antenna: 2 x 3dBi - 2.4GHz 2 x 3dBi - 5GHzClient ManagementPer SSID VLAN with QoS (802.1p/802.1q) Bandwidth Control MAC Address Filtering Layer 2 Client Isolation Limit on Max. Number of ClientsEnclosurePlenum-rated enclosureMAC Address Filtering Layer 2 Client Isolation Limit on Max. Number of ClientsDimensions5.9 x 5.9 x 1.3 inches 160 x 160 x 33 mmPer Client VLAN with RADIUS VLAN with RADIUS VLAN with VLAN Pool Bandwidth Control Multicast Filter IGMP Snooping/Multicast EnhancementPower Input12V DC Jack (Plug 5.5 x 2.1 mm, center positive)* 802.3at PoE*Captive Portal by InControlPower Consumption14.5W (max.)Captive Portal by InControlOperating Temperature32°F - 104°F (°°C - 40°CPackage ContentsAP One AX Lite, Ceiling Mount Base (9/16° T-Rail), Ceiling Mount Base (15/16° T-Rail), Mounting Screw Set	(single chain)	5160 – 5625 MHZ. 190BH		
2 x 3dBi - 2.4GHz       Client Management       Per SSID         2 x 3dBi - 5GHz       VLAN with QoS (802.1p/802.1q)         Enclosure       Plenum-rated enclosure       MAC Address Filtering         Dimensions       5.9 x 5.9 x 1.3 inches       Layer 2 Client Isolation         160 x 160 x 33 mm       Limit on Max. Number of Clients         Weight       0.84 pounds / 382 grams       Per Client         VLAN with VLAN Pool       Bandwidth Control         Multicast Filter       IGMP Snooping/Multicast Enhancement         Power Input       12V DC Jack         (Plug 5.5 x 2.1 mm, center positive)*       Bandwidth Control         Multicast Filter       IGMP Snooping/Multicast Enhancement         Power Consumption       14.5W (max.)         Operating Temperature       32°F - 104°F         0°C - 40°C       Package Contents         AP One AX Lite,       Ceiling Mount Base (9/16" T-Rail),         Ceiling Mount Base (15/16" T-Rail),       Ceiling Mount Base (15/16" T-Rail),	Antenna	Built-in Omni antenna:		
EnclosurePlenum-rated enclosureBandwidth ControlDimensions5.9 x 5.9 x 1.3 inches 160 x 160 x 33 mmLayer 2 Client Isolation Layer 2 Client Isolation Limit on Max. Number of ClientsWeight0.84 pounds / 382 gramsPer Client VLAN with RADIUS VLAN with VLAN Pool Bandwidth Control Multicast Filter IGMP Snooping/Multicast EnhancementPower Input12V DC Jack (Plug 5.5 x 2.1 mm, center positive)* 802.3at PoE*Captive Portal by InControl Multicast Filter IGMP Snooping/Multicast EnhancementPower Consumption14.5W (max.)Captive Portal by InControl Package ContentsAP One AX Lite, Ceiling Mount Base (9/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Mounting Screw SetCertificationsFCC, CE, RoHSAt the thermit of the set			Client Management	Per SSID
EnclosurePlenum-rated enclosureMAC Address Filtering Layer 2 Client Isolation Limit on Max. Number of ClientsDimensions5.9 x 5.9 x 1.3 inches 160 x 160 x 33 mmLimit on Max. Number of ClientsWeight0.84 pounds / 382 gramsPer Client VLAN with RADIUS VLAN with VLAN Pool Bandwidth Control Mutticast Filter IGMP Snooping/Multicast EnhancementPower Input12V DC Jack (Plug 5.5 x 2.1 mm, center positive)* 802.3at PoE*Captive Portal by InControlPower Consumption14.5W (max.)Captive Portal by InControlOperating Temperature32°F - 104°F 0°C - 40°CPackage Contents Mount Base (9/16° T-Rail), Ceiling Mount Base (9/16° T-Rail), Ceiling Mount Base (15/16° T-Rail), 		2 x 3dBi - 5GHz		
Dimensions       5.9 x 5.9 x 1.3 inches 160 x 160 x 33 mm       Layer 2 Client Isolation Limit on Max. Number of Clients         Weight       0.84 pounds / 382 grams       Per Client VLAN with RADIUS VLAN with VLAN Pool Bandwidth Control Multicast Filter 802.3at PoE*         Power Input       12V DC Jack (Plug 5.5 x 2.1 mm, center positive)* 802.3at PoE*       Captive Portal by InControl         Power Consumption       14.5W (max.)       Captive Portal by InControl         Operating Temperature       32°F - 104°F 0°C - 40°C       Package Contents       AP One AX Lite, Ceiling Mount Base (9/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Mounting Screw Set	Fachaura	Plonum rated anglesure		
Dimensions       5.9 x 5.9 x 1.3 inches 160 x 160 x 33 mm       Limit on Max. Number of Clients         Weight       0.84 pounds / 382 grams       Per Client VLAN with RADIUS VLAN with VLAN Pool Bandwidth Control Multicast Filter IGMP Snooping/Multicast Enhancement         Power Input       12V DC Jack (Plug 5.5 x 2.1 mm, center positive)* 802.3at PoE*       Captive Portal by InControl         Power Consumption       14.5W (max.)       Captive Portal by InControl         Operating Temperature       32°F - 104°F 0°C - 40°C       Package Contents       AP One AX Lite, Ceiling Mount Base (9/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Ceiling Mount Base (15/16" T-Rail),	Enclosure	Fiendin-rated enclosure		
Weight       0.84 pounds / 382 grams       Per Client         VLAN with RADIUS       VLAN with RADIUS       VLAN with VLAN Pool         Power Input       12V DC Jack       Vlan with VLAN Pool         Bandwidth Control       Multicast Filter       Multicast Filter         IGMP Snooping/Multicast Enhancement       IGMP Snooping/Multicast Enhancement         Power Consumption       14.5W (max.)       Captive Portal by InControl         Operating Temperature       32°F - 104°F       Package Contents       AP One AX Lite, Ceiling Mount Base (9/16° T-Rail), Ceiling Mount Base (15/16° T-Rail), Ceiling Mount Base (15/16° T-Rail), Ceiling Mount Base (15/16° T-Rail), Mounting Screw Set	Dimensions	5.9 x 5.9 x 1.3 inches		
Weight       0.84 pounds / 382 grams       VLAN with RADIUS         Power Input       12V DC Jack (Plug 5.5 x 2.1 mm, center positive)*       VLAN with VLAN Pool Bandwidth Control Multicast Filter IGMP Snooping/Multicast Enhancement         Power Consumption       14.5W (max.)       Captive Portal by InControl         Operating Temperature       32°F - 104°F 0°C - 40°C       Package Contents       AP One AX Lite, Ceiling Mount Base (9/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Mounting Screw Set		160 x 160 x 33 mm		
Power Input       12V DC Jack (Plug 5.5 x 2.1 mm, center positive)* 802.3at PoE*       VLAN with VLAN Pool Bandwidth Control Multicast Filter IGMP Snooping/Multicast Enhancement         Power Consumption       14.5W (max.)       Captive Portal by InControl         Operating Temperature       32°F - 104°F 0°C - 40°C       Package Contents       AP One AX Lite, Ceiling Mount Base (9/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Mounting Screw Set		0.04 nounda / 202 grama		
Power Input       12V DC Jack (Plug 5.5 x 2.1 mm, center positive)* 802.3at PoE*       Bandwidth Control Multicast Filter IGMP Snooping/Multicast Enhancement         Power Consumption       14.5W (max.)       Captive Portal by InControl         Operating Temperature       32°F - 104°F 0°C - 40°C       Package Contents       AP One AX Lite, Ceiling Mount Base (9/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Mounting Screw Set	weight	0.04 pounds / 362 grams		
(Plug 5.5 x 2.1 mm, center positive)* 802.3at PoE*       Multicast Filter IGMP Snooping/Multicast Enhancement         Power Consumption       14.5W (max.)       Captive Portal by InControl         Operating Temperature       32°F - 104°F 0°C - 40°C       Package Contents       AP One AX Lite, Ceiling Mount Base (9/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Mounting Screw Set	Power Input	12V DC Jack		
Power Consumption     14.5W (max.)     Captive Portal by InControl       Operating Temperature     32°F - 104°F 0°C - 40°C     Package Contents     AP One AX Lite, Ceiling Mount Base (9/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Mounting Screw Set	·			Multicast Filter
Operating Temperature     32°F - 104°F 0°C - 40°C     Package Contents     AP One AX Lite, Ceiling Mount Base (9/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Mounting Screw Set		802.3at PoE*		IGMP Snooping/Multicast Enhancement
O°C - 40°C     O°C - 40°C     Ceiling Mount Base (9/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Mounting Screw Set	Power Consumption	14.5W (max.)	Captive Portal by InControl	
0°C - 40°C     Ceiling Mount Base (9/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Ceiling Mount Base (15/16" T-Rail), Mounting Screw Set	Operating Temperature	32ºF - 104ºF	Package Contents	AP One AX Lite.
Certifications FCC, CE, RoHS Mounting Screw Set		0°C - 40°C	-	Ceiling Mount Base (9/16" T-Rail),
Warranty 1 Year Limited Warranty	Certifications	FUU, UE, ROHS		Mounting Screw Set
	Warranty	1 Year Limited Warranty		

\* AC/DC adapter and PoE Injector are not included.

### Ordering information

Product Code	Description
APO-AX-LITE	2 x 2 MU-MIMO Wi-Fi 6 AP for business, manageable by InControl. Simultaneous Dual-Band 802.11ax/ac/b/g/n

#### Feature Add-on

Product Code	Description
ACW-107	802.3af/at PoE Injector. Compatible with MAX Hotspot and AP One AX Series
ACW-602	1x12V3A Power Supply. Compatible with MAX HD2 and AP One AX Series

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