

Tube-AH

Quick Installation Guide



Package Contents

1 x Tube-AH Outdoor AP/CPE



2 x Pole mount cable ties



1 x Outdoor N-type Antenna



1 x Outdoor Water Resistant Tape



1 x Passive PoE Adapter



1 x User Guide



1 x Power Cord





Product Overview



LED Indicator / Interface	Descriptions
1 Power Indicator (Green)	On - Power on Off - No power
2 Wi-Fi Indicator (Green)	Blinking - Wi-Fi is sending or receiving data
System Indicator (Blue/Green)	On - Device is running properly (Green) Blinking - Device is sending or receiving data (Blue)
4 RJ45 Waterproof Connector	Waterproof connector to prevent water and dust from entering the device.
5 N-type Antenna Connector	ANT port is used to connect 1 x outdoor N-type antenna
6 PoE LAN Port	Fast Ethernet with passive PoE and ESD protection (Passive PoE 12~36 VDC)



Hardware Installation





Hardware Installation



- 1.Pass the network cable through the various components of the waterproof connector, Connect the Tube-AH and PoE adapter's PoE port using Ethernet cable. Rotate the waterproof connector until it is tight.
- 2.Attach Outdoor Omni Antenna to the Tube-AH and rotate the antenna until it is tight. Seal the gap on the connector with the water resistant tape.
- 3.Connect the PoE adapter's LAN port to Computer using Ethernet cable.
- 4.Connect power cord to PoE adapter and plug in the power outlet.



Open Setup Page and Login

Open a browser then type 192.168.100.1 into the address bar to access the setup page, default username and password are "admin".

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	Authorization Required							
	A Please input username							
	A Please input password							
	Login							

After logging in, the dashboard page will be shown.

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٠			Working Mode		Network Name					Dev	vice IP
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•••	System		MAC Address		Channels / Frequency					Band	width
		00:C0:CA:B4:74:85		36 (908.5) MHz		1M					
			Security		Country Code					TX	Power
		No Encryption		United States (US)		23 dBm					
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How to Setup AP Mode

Please go to the dashboard page and click the "EDIT" button.

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			No Data		

This setting page allow you to change Device IP $\$ AH Mode (Default: AP Mode) $\$ Channel $\$ Network Name...etc. After the setting is completed, please click the "OK" button.

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How to Setup AP Mode

When the Client connects to the AP, it will be shown on the dashboard page.

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			Security	Country Code		TX Power
		No Encryption		United States (US)	23 dBm	
		MAC Address	Signal	Link Rate	Connected Time	
		00:C0:CA:B4:74:89	-46 dBm	TX: 6 Mbps RX: 6 Mbps	0h 3m 47s	
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How to Setup Client Mode

Please go to the dashboard page and click the "EDIT" button.

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How to Setup Client Mode

Please select the AP you want to connect and click the "Select" button.

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After the setting is completed, please click the "OK" button.

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How to Setup Client Mode

When the Client connects to the AP, it will be shown on the dashboard page.

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		MAC Address	Signal	Link Rate		Conne	cted Tin	те		
		00:C0:CA:B4:74:85	-43 dBm	TX: 6 Mbps RX: 6 Mbps		0h 9m	20s			
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When you reload the web page, please note whether you have changed the device IP!



How to Setup with the Router

For example, your front-end router settings are as follows: Gateway IP: 192.168.0.1 DHCP Server Range: 192.168.0.2~192.168.0 253

Please go to the "Network" page modification settings examples are as follows:

For Tube-AH AP

IP Address: 192.168.0.111 Gateway: 192.168.0.1 DHCP Server: Disable

Please click the "SAVE" button.

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*•	System		* IP Address:	192.168.0.111								
			Netmask:	255.255.255.0								
			Gateway:	192.168.0.1								
			DHCP Server:	Disable	Ŷ							
			• DHCP Range:	192.168.0. 100 ~ 250								
		* DI	HCP Leases Time:	0 Day 12 Hour								



How to Setup with the Router

For Tube-AH Client

P Address: 192.168.0.112 Gateway: 192.168.0.1 DHCP Server: Disable

Please click the "SAVE" button.

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How to Setup with the Router

After the setting is completed, it will be shown as follows

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			Security	Country Code			T	X Power
		WPA3 Personal Key		Europe (DE)	23 dBm			
		MAC Address	Signal	Link Rate		Connected Tir	me	
		00:C0:CA:B0:E7:D1	-59 dBm	TX: 6 Mbps RX: 6 Mbps		0h 26m 16s		
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For Tube-AH Client

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		WPA3 Personal Key		Europe (DE)		23 dBm						
		MAC Address	Signal	Link Rate				Connee	ted Tin	пе		
		00:C0:CA:B0:E7:CD	-57 dBm	TX: 6 Mbps RX: 6 Mbps				0h 27m	10s			
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When you reload the web page, please note whether you have changed the device IP!



How to Factory Reset or Reboot

Factory Reset

Please go to the system page and click the "Factory Reset" button.



Reboot

In the "Admin" drop-down menu on the upper right, click the "Reboot" item.





Application Scenario







Troubleshootin

LED indicators shown abnormally

Please check to see if all cable connectors (PoE adapter and Ethernet cable) are connected to your device properly.

Please use the PoE adapter, which is included in the package content.

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