

O-90 AirTight Access Point / Sensor

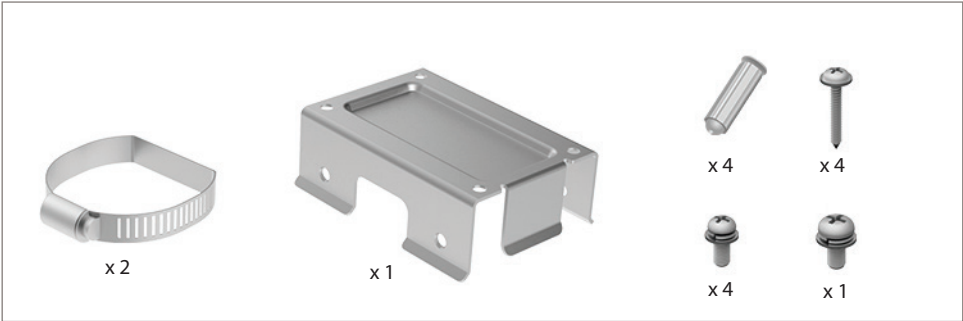
Quick Start Guide

Package Contents

You should have received the following components in your O-90 package.



O-90

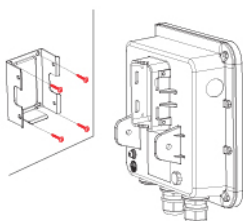


Mounting Accessories

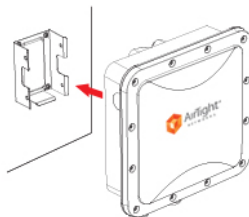
Mounting the O-90

Wall Mount: AirTight logo facing away from the wall

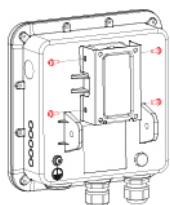
- 1** Affix mounting bracket on the wall.



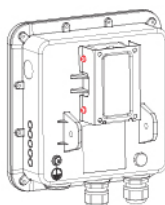
- 2** Attach device to the mounting bracket.



- 3**
Insert screws in the slots on the mounting bracket.



- 4**
Fasten the screws.

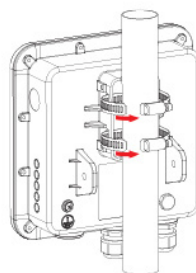


Pole Mount: AirTight logo facing away from the wall

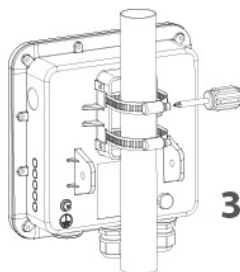
- 1** Place the device on the pole.



- 2** Insert the straps in the slots on the device and wrap around the pole.



- 3** Fasten the screws and check whether the device is fixed tightly on the pole.



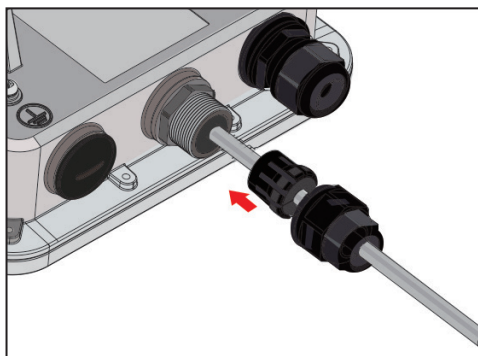
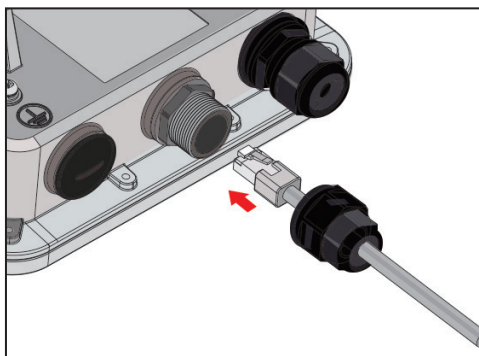
Getting the O-90 Online

Step 1: Power up

Plug one end of the Ethernet cable into the PoE switch or injector and plug the other end into the LAN1 (PoE) on the O-90. Make sure the PoE source you are using is turned ON.

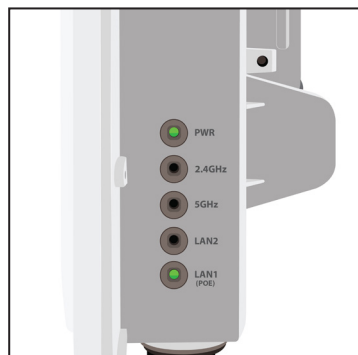
Step 2: Connect to the network

As you are using PoE, the O-90 should already be connected to your network.



Step 3: Check the LED status

Wait for a few minutes till the Power (PWR) LED and LAN1 (PoE) LED turn solid GREEN, which indicates that the O-90 is online and operational.



Troubleshooting

After the O-90 is powered ON and connected to Ethernet, if the status of Power (PWR) LED is not *Solid Green*, it indicates that the AP is not able to function normally. The following guidelines may help you to quickly diagnose and fix the problem.

LED Status				What does it mean?
Power (PWR)	2.4G/ 5G	LAN2	LAN1 (PoE)	
Off	Off	Off	Off	Not powered on or it is in the process of starting up
Solid Orange	Any	On/ Off	Solid Green	No active Ethernet link ¹
Solid Orange	Any	On/ Off	Fast Blink Green	Did not receive a valid IP address via DHCP ²
Solid Orange	Any	On/ Off	Slow Blink Green	Unable to connect to the AirTight Cloud Services or AirTight Server ³

1. Make sure that the Ethernet cable is correctly plugged into the LAN1 (POE) port on the O-90 and the other end of the cable is plugged into an Ethernet jack or a port on a switch that is turned ON.
2. If the O-90 did not receive a valid IP address from the DHCP server, make sure that a DHCP server is ON and available on the VLAN/subnet to which the AP is connected. If the AP still fails to get a valid IP address, you can reboot it once to see if that resolves the problem.
3. If you are using AirTight Cloud Services, make sure that Internet connectivity is available from the VLAN/subnet to which the AP is connected. Check if the required ports for AP and Server communication – UDP 3851 and default HTTP (TCP port 80) – are open on the Firewall. If you are using a Proxy, Web accelerator or URL content filtering, make sure the settings allow communication between the AP and AirTight Cloud Services.

After following these guidelines, if you are still unable to resolve the problem, contact the local AirTight Sales Engineer or 24/7 AirTight Technical Support.
Tel: +1 (650) 641 0027 Email: support@airtightnetworks.com



Comprehensive Cloud-Managed Wi-Fi

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AirTight O-90 Quick Setup Guide [Doc ID: ATN-QS-0315-001-00-EN]
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O-90-E AirTight Access Point / Sensor

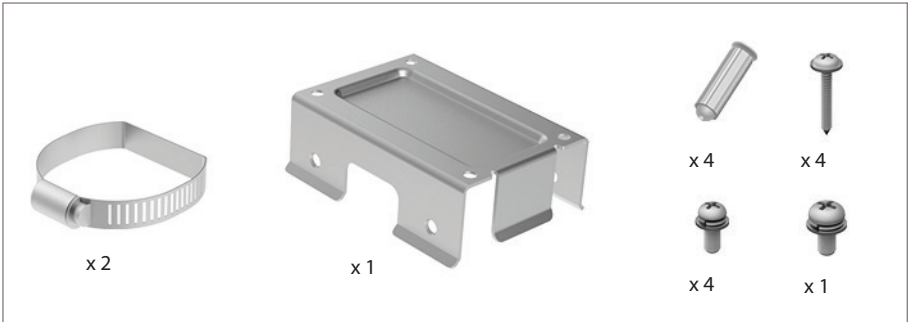
Quick Start Guide

Package Contents

You should have received the following components in your O-90-E package.



O-90-E

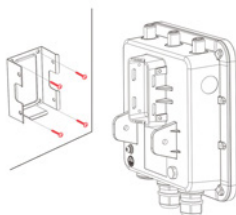


Mounting Accessories

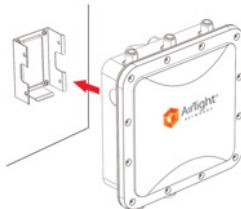
Mounting the O-90-E

Wall Mount: AirTight logo facing away from the wall

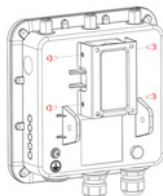
- 1** Affix mounting bracket on the wall.



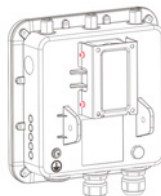
- 2** Attach device to the mounting bracket.



- 3**
Insert screws in the slots on the mounting bracket.



- 4**
Fasten the screws.

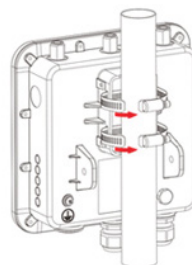


Pole Mount: AirTight logo facing away from the wall

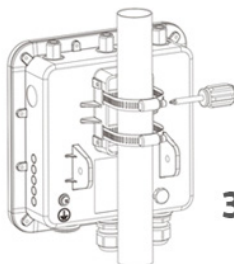
- 1** Place the device on the pole.



- 2** Insert the straps in the slots on the device and wrap around the pole.



- 3** Fasten the screws and check whether the device is fixed tightly on the pole.



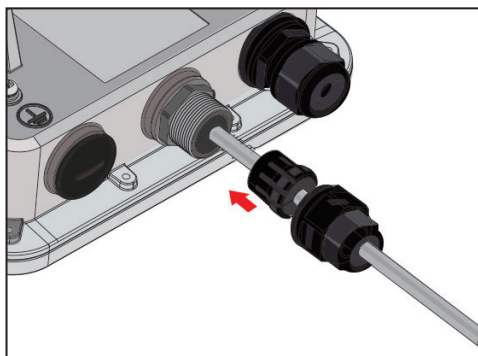
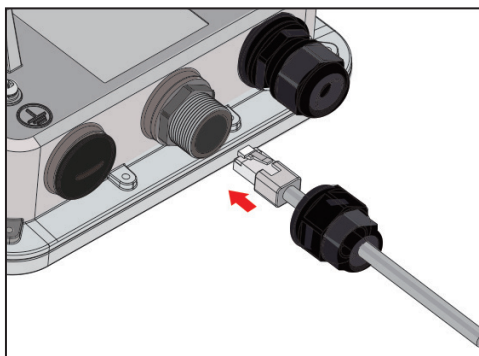
Getting the O-90-E Online

Step 1: Power up

Plug one end of the Ethernet cable into the PoE switch or injector and plug the other end into the LAN1 (PoE) on the O-90-E. Make sure the PoE source you are using is turned ON.

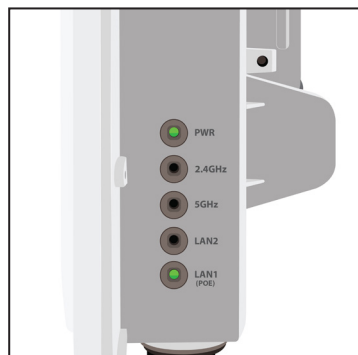
Step 2: Connect to the network

As you are using PoE, the O-90-E should already be connected to your network.



Step 3: Check the LED status

Wait for a few minutes till the Power (PWR) LED and LAN1 (PoE) LED turn solid GREEN, which indicates that the O-90-E is online and operational.



Troubleshooting

After the O-90-E is powered ON and connected to Ethernet, if the status of Power (PWR) LED is not *Solid Green*, it indicates that the AP is not able to function normally. The following guidelines may help you to quickly diagnose and fix the problem.

LED Status				What does it mean?
Power (PWR)	2.4G/5G	LAN2	LAN1 (PoE)	
Off	Off	Off	Off	Not powered on or it is in the process of starting up
Solid Orange	Any	On/ Off	Solid Green	No active Ethernet link ¹
Solid Orange	Any	On/ Off	Fast Blink Green	Did not receive a valid IP address via DHCP ²
Solid Orange	Any	On/ Off	Slow Blink Green	Unable to connect to the AirTight Cloud Services or AirTight Server ³

1. Make sure that the Ethernet cable is correctly plugged into the LAN1 (POE) port on the O-90-E and the other end of the cable is plugged into an Ethernet jack or a port on a switch that is turned ON.
2. If the O-90-E did not receive a valid IP address from the DHCP server, make sure that a DHCP server is ON and available on the VLAN/subnet to which the AP is connected. If the AP still fails to get a valid IP address, you can reboot it once to see if that resolves the problem.
3. If you are using AirTight Cloud Services, make sure that Internet connectivity is available from the VLAN/subnet to which the AP is connected. Check if the required ports for AP and Server communication – UDP 3851 and default HTTP (TCP port 80) – are open on the Firewall. If you are using a Proxy, Web accelerator or URL content filtering, make sure the settings allow communication between the AP and AirTight Cloud Services.

After following these guidelines, if you are still unable to resolve the problem, contact the local AirTight Sales Engineer or 24/7 AirTight Technical Support.
Tel: +1 (650) 641 0027 Email: support@airtightnetworks.com



Comprehensive Cloud-Managed Wi-Fi



Federal Communication Commission Interference Statement

FCC Warning

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

This radio transmitter FCCID: PPQ-O90 has been approved by FCC to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	Walsin	RFDPA25205AMLB801	dipole	5.01dBi for 2.4 GHz ; 6.07 dBi for 5 GHz

Industry Canada Statement

Canada, Industry Canada (IC) Notices

This device complies with Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Canada, avis d'Industry Canada (IC)

Cet appareil est conforme avec Industrie Canada exemptes de licence RSS standard(s).

Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement.

Radio Frequency (RF) Exposure Information

The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

This device has also been evaluated and shown compliant with the IC RF Exposure limits under mobile exposure conditions. (antennas are greater than 20cm from a person's body).

Informations concernant l'exposition aux fréquences radio (RF)

La puissance de sortie émise par l'appareil de sans fil est inférieure à la limite d'exposition aux fréquences radio d'Industry Canada (IC). Utilisez l'appareil de sans fil de façon à minimiser les contacts humains lors du fonctionnement normal.

Ce périphérique a également été évalué et démontré conforme aux limites d'exposition aux RF d'IC dans des conditions d'exposition à des appareils mobiles (antennes sont supérieures à 20 cm à partir du corps d'une personne).

This radio transmitter IC: 4491A-O90 has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Cet émetteur radio IC: 4491A-O90 a été approuvé par Industrie Canada pour fonctionner avec les types d'antennes énumérés ci-dessous avec le gain maximal admissible et impédance d'antenne requise pour chaque type d'antenne indiqué. Types d'antennes n'est pas inclus dans cette liste, ayant un gain supérieur au gain maximal indiqué pour ce type, sont strictement interdits pour une utilisation avec cet appareil.

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	Walsin	RFDPA25205AMLB801	dipole	5.01dBi for 2.4 GHz ; 6.07 dBi for 5 GHz