



Antaira Technologies

AIROLINX-6 Series

Industrial Outdoor IP67 with Antenna Wi-Fi 6
(802.11a/n/ac/ax) Wireless
AP/Client/Bridge/Repeater/Router with 802.3at
PoE PD; EOT: -40°C to 75°C

Quick Installation Guide

Version 1.0

(June 2025)



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Package Checklist

The package contains the following items:

- Airolinx 6 Series (AIROLINX-6(-IOM)(-EOM)(-ILD)-IP67-T)
- Pair of Omni-Directional Antennas (Included with AIROLINX-6-EOM-IP67-T only)
- Mounting Bracket
- Quick Installation Guide

Antenna Installation (If Applicable)

Before powering up, attach the external antennas to their respective ports if your model includes them.

Powering the Airolinx 6

This device is powered via Power over Ethernet (PoE). Connect a Cat5e (or better) Ethernet cable from a PoE switch or injector (IEEE 802.3at or higher) to the Airolinx 6's RJ45 port.

Typical Power Consumption: 6W

Maximum Power Consumption: 15W

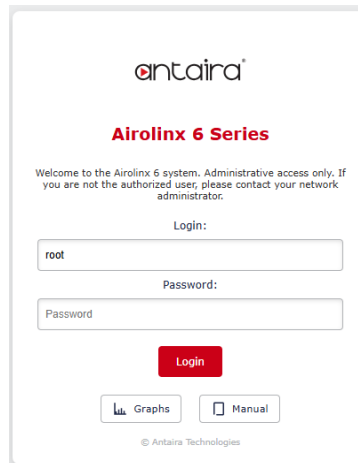
IP Address Configuration

Default IP: 192.168.1.1

Subnet Mask: 255.255.255.0

Steps to Connect:

1. Connect your PC to the same PoE switch or injector using Ethernet.
2. Change your PC's IP to something on the same subnet, such as 192.168.1.100.
3. Open a browser and go to <http://192.168.1.1>.



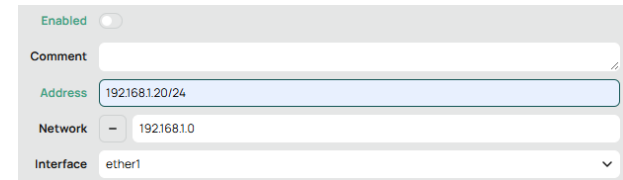
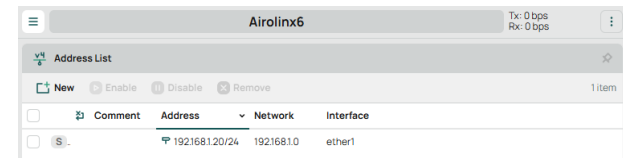
Default Login Options:

Username	Password	Access Level
root	admin	Basic Settings
advanced	advancedpw	Advanced Settings
expert	expertpw	Full Configuration

Note: You will be prompted to update passwords after login. It is strongly recommended to log in to each account and change the password to maintain security.

To Change the IP Address:

- Use Quick Set (default interface) for simple changes.
- For detailed configuration, click Advanced, then navigate to: IP → Address to modify or add new addresses.



Mounting Instructions

Tip: Configure and test the unit before final installation.

Mounting Options:

Pole Mount (included):

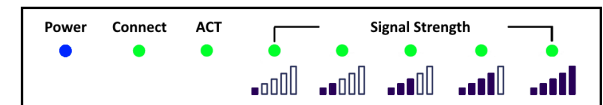
- Align the mounting bracket with the housing's back panel and secure with the provided screws and lock washers.
- Position the unit on the pole, loop the U-bolt around the pole and through the bracket, then tighten the nuts and washers.

Wall Mount (optional):

- Use a standard J-Pole mount (sold separately).
- Antaira offers a compatible J-Pole accessory available through resellers.

LED Indicators

LED	Color	Status
Power	Blue	ON - Unit Powered
Connect	Green	ON - Wireless Linked
ACT	Green	Flashing - Ethernet Activity
Signal Strength	Green	LEDs 1~5 - Wireless Strength (Client/Bridge Mode)



Grounding

The Airolinx 6 is grounded through:

- The metal bracket when attached to a grounded pole.
- A shielded Ethernet cable connected to a properly grounded PoE switch or injector.

Surge Protection

For lightning-prone regions:

- Use industrial-grade surge protectors on Ethernet lines.
- Some antenna models include built-in gas discharge surge suppressors (rated at 230V).
- Follow local electrical codes and best practices for surge mitigation.

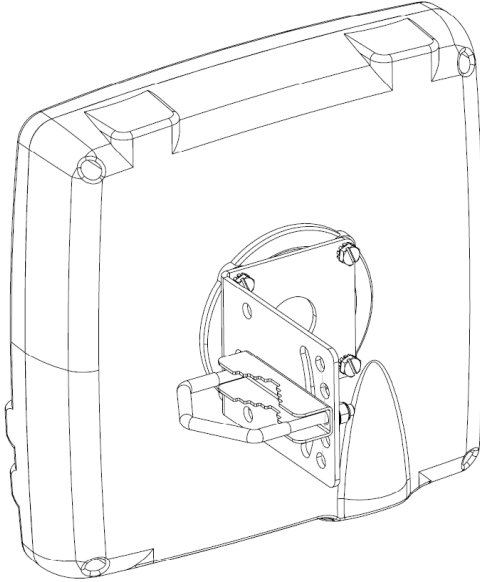
Quick Installation

Industrial Wireless Mounting

Pole Mounting (Included)

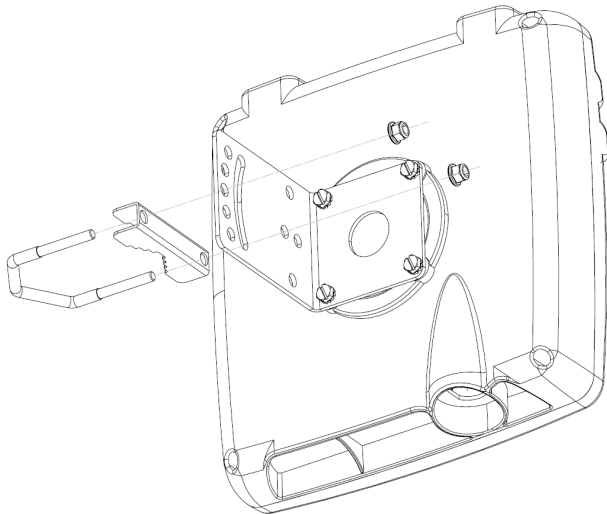
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Position the unit on the pole, loop the U-bolt around the pole and through the bracket, then tighten the nuts and washers.



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Field Maintenance and Service

- If the device requires servicing of any kind, the user is required to disconnect and remove it from its mounting. The initial installation should be done in a way that makes this as convenient as possible.
- Voltage/Power lines should be properly insulated as well as other cables. Be careful when handling them so as to not trip over.
- Do not under any circumstance insert foreign objects of any kind into the heat dissipation holes located in the different faces of the device. This may not only harm the internal layout, but might cause harm to the user as well.
- Do not under any circumstance open the device for any reason. Please contact your dealer for any repair needed or follow the instructions within the manual.

WARNING: When connecting PoE ports of an Ethernet Switch to non-standard Ethernet ports of a device, such as those with GND or low voltage surge protection and other alterations to IEEE 802.3 standard, DAMAGE MAY OCCUR to either or both devices. Devices with ports like these should be connected to non-PoE ports on the switch.

Warranty Policy

Warranty Conditions

Products supplied by Antaira Technologies are covered in this warranty for substandard performance or defective workmanship. The warranty is not, however, extended to goods damaged in the following circumstances:

- Excessive forces or impacts
- War or an Act of God: wind storm, fire, flood, electric shock, earthquake
- Use of unqualified power supply, connectors, or unauthorized parts/kits
- Replacement with unauthorized parts

RMA and Shipping Costs Reimbursement

Customers shall always obtain an authorized "RMA" number from Antaira before shipping the goods for repair or replacement.

- Within the warranty period (based on the invoice date), all parts and labor are free of charge to the customers.
- Customers are responsible for the cost of parts and labor, if the products are out of warranty.
- For RMA service, customers are responsible for the shipping expense for shipping the RMA unit(s) to Antaira. Antaira is responsible for the shipping expense via a ground service for the return repair/replace unit(s) back to customers.

Limited Liability

Antaira would not be held responsible for any consequential losses from using Antaira's product.

Warranty Period

5-Year Warranty

Antaira's Customer Service and Support

Antaira's Technical Service & Support Centers:

+ 844-268-2472 (Antaira US Headquarter)

+ 48-22-862-88-81 (Antaira Europe Office)

+ 886-2-2218-9733 (Antaira Asia Office)

Antaira's Web Sites & Repair/Support Emails:

www.antaira.com / support@antaira.com

www.antaira.eu / info@antaira.eu

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***Any changes will be announced on the Antaira website.**