AEROSENTRY ZERO

INSTALLATION GUIDE

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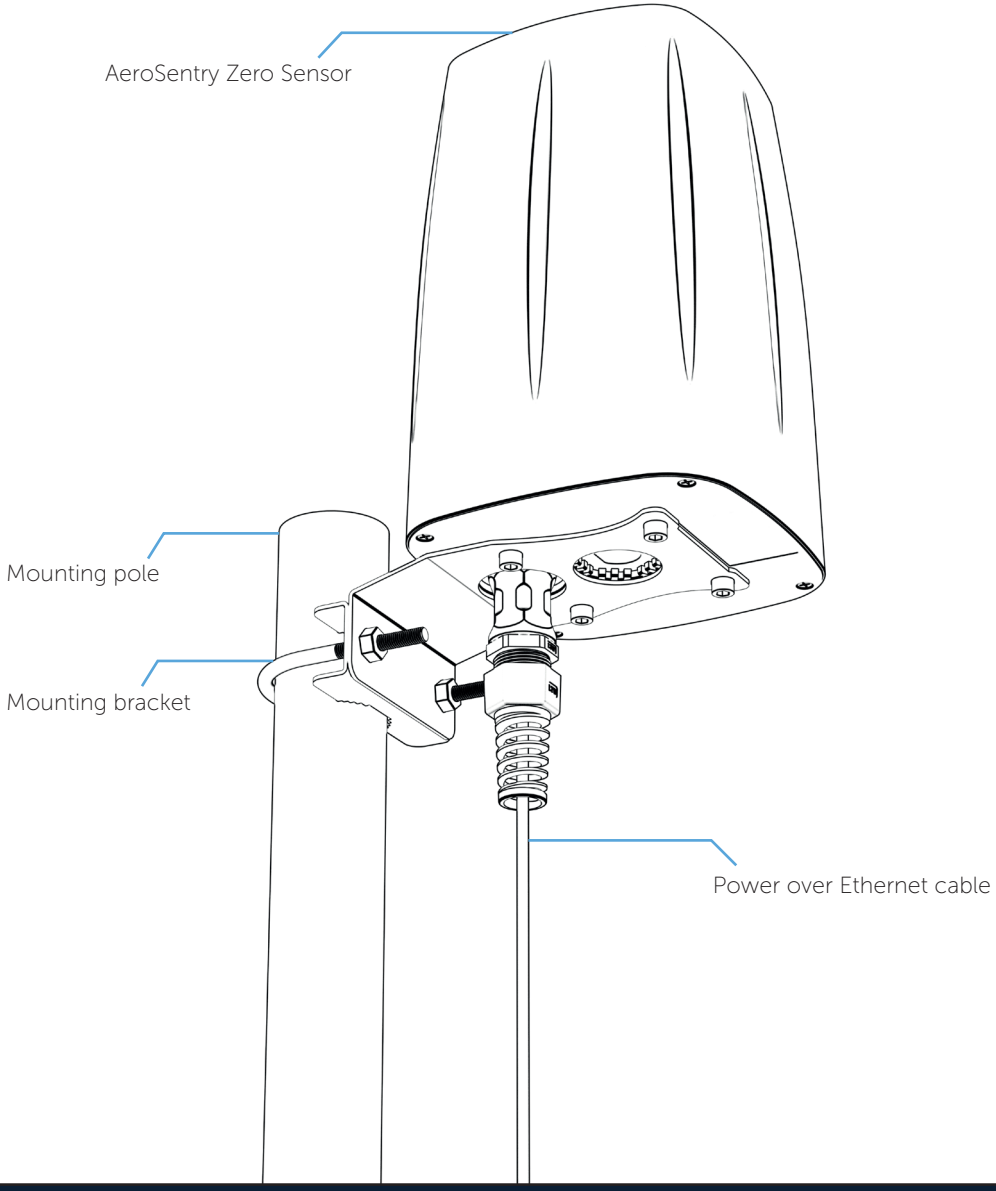


AEROSENTRY ZERO

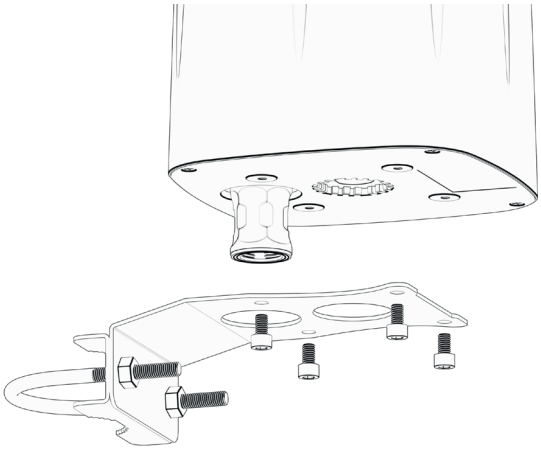
AeroSentry Zero Sensor Installation

1. Ensure that your installation location provides an optimum line of sight, with minimal building and environmental obstructions.

2. There are two different mounting options available with the AeroSentry Zero.
   - Mounted on a pole (see mounting option 1)
   - Mounted flat (see mounting option 2)

MOUNTING OPTION 1

1. Affix the enclosed mounting bracket to the AeroSentry Zero sensor. See Figure 1.



[Figure 1]

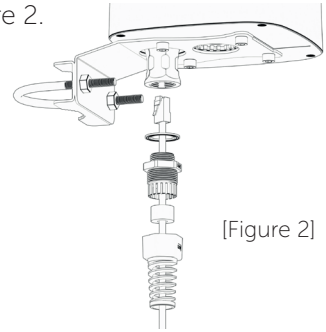
2. Once attached, slide the bracket over the pole.
3. Point the sensor towards 'North', using the underside arrow as an alignment guide.
4. Secure the bracket in place.

Note:
Minimum pole diameter = 45mm
Maximum pole diameter = 62mm

5. | Connect Power Over Ethernet cable. See Figure 2.

6. | Ensure lighting protection is in place.

7. | Continue with AeroSentry Zero set up.



[Figure 2]

MOUNTING OPTION 2

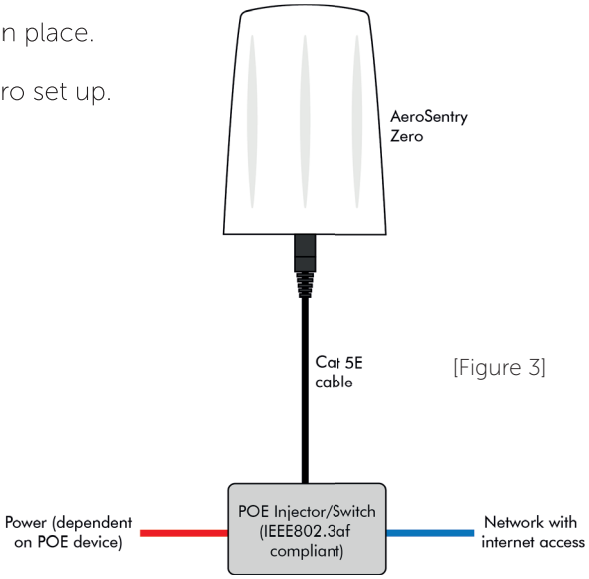
1. | Drill 4 x fixing holes in your flat surface, where the sensor will be mounted.

2. | Drill another hole for the Ethernet cable, measuring 35mm in diameter.

3. | Secure in place.

4. | Ensure lighting protection is in place.

5. | Continue with AeroSentry Zero set up.



[Figure 3]

AEROSENTRY ZERO

Lightning Protection

The AeroSentry Zero system includes surge protection modules in the antenna module, power module, and Ethernet port. AeroSentry Zero does not include a lightning induction system, and should be installed within the protected region of another lightning induction system.

AeroSentry Zero Set Up

1. Connect the AeroSentry sensor to power over ethernet (POE).
2. Find the sensor's IP address, as assigned by your DHCP server.
3. To access the sensor configuration webpage, type into your browser: IP Address, colon sign ':' and the port number '8000'.

   eg. http://192.168.1.141:8000
4. Decide whether to change the static IP of the sensor.

   If **yes**, provide a new static IP address and a new network gateway IP Ensure there are no conflicts on the chosen IP.

   If **no**, continue to step 5.
5. Assign a name to the location of the sensor.
6. To set the GPS location, tick the box and enter the latitude, longitude and altitude.

   Note: Only required if the GPS signal in the area is weak.
7. Enter the bearing from North.

   Note: The sensor should point North using the underside sticker as a directional guide.
8. Click 'Submit' and wait for the sensor to reboot.
9. The sensor can now be found on the static IP set by the user.

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