If you mount the sensor with a permanent (or semi-permanent) mount using epoxy, glue the front of the sensor to the surface so the screws on the back of the sensor can be easily accessed to replace the battery.

Determine if the sensor location has adequate Bluetooth signal strength where you install the gateway. To check this, go to the Cloud VMS Dashboard, select the sensor, and open the sensor settings page. The Bluetooth signal strength should be -85db or stronger (closer to zero).

8 **Adjust the Sensor Settings**
- Go to the Eagle Eye Cloud VMS Enhanced Web Interface Dashboard and log in with your credentials.
- Scroll the page down to **Sensors**.
- Click the gateway name to view the list of sensors connected to that gateway.
- Click the three dots icon next to the sensor you want to adjust and select Settings.
- Select the **Measurements** tab.
- Click the three dots to select **Settings** for the to access sensor measurements.
- Adjust the **General** and **Threshold** settings as desired.
- Associate a camera to a sensor or a measurement.
  Note: When a camera is associated to a sensor, it inherits the measurements from that sensor. Go to **Settings** for that sensor to change measurements.
- Click **Save Changes** to save the new settings.

Note: Some sensor settings and thresholds are automatically managed and not configurable.

More Information and Troubleshooting

For more information on operation or troubleshooting tips, please contact your reseller or use the information below to contact Eagle Eye Networks.

www.een.com/support

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Eagle Eye Sensor Gateway and Wireless Sensors

Eagle Eye Sensor Gateways allow users to integrate wireless sensor data into the Eagle Eye Cloud VMS. Users can view measurements, see historical sensor data, and create alerts. Follow the instructions in this guide to correctly install the gateway and sensors and add them to the Eagle Eye Cloud VMS.
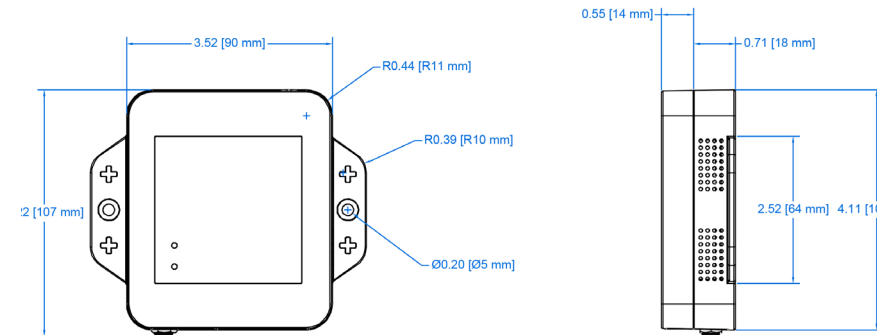
Note: To add a sensor to an installed gateway, go to step 4.

1 **Locate the Gateway ID**
Open the package and remove the gateway. Locate the Gateway ID on the package.
The gateway dimensions are shown below.

2 **Connect the Gateway**

Connect the gateway to the Internet using one of the following methods:

Connect with Ethernet

- Plug the provided power cable into the gateway or use a PoE-enabled network switch.
- Plug the Ethernet cable into the gateway. If the Internet light is green after 2 minutes, the gateway is online.

Connect with Wi-Fi

- Plug the provided power cable into the gateway and wait about 2 minutes until the Internet light is red.
- Press the button in the center of the gateway label to start the **Set Up Wi-Fi** mode, and wait 20 seconds until the **Set Up Wi-Fi** light is solid blue.
- Using a computer, tablet, or mobile phone, connect to the Wi-Fi hotspot named **Swift Sensors XXXX**, where XXXX is the last four digits of the gateway ID.
- In a web browser, go to the gateway Wi-Fi Configuration page at the URL address "192.168.42.1" (If you have a mobile device with a QR reader app, scan the gateway QR code instead.)
- Use the app to set up Wi-Fi. If the Internet light turns green within 20 seconds, your gateway is online.

3 **Connect the Gateway to the VMS**

Note: Sensors are only supported in the Enhanced Web Interface of the Cloud VMS.

- Go to the Eagle Eye Cloud VMS Enhanced Web Interface and log in with your credentials.
- Go to the **Dashboard**.
- Click the plus icon in the top right of the window.
- Select **Add Sensor Gateway**.
- Enter the gateway name, ID, and site (optional).
- Click **Add Gateway**.

Note: The gateway is initially shown as offline on the dashboard. After two minutes, it should appear online (denoted by a green check mark).

4 **Power on the Sensors**

During setup, Eagle Eye Networks recommends initially placing the sensors within 10 feet of the gateway to ensure proper communication followed by permanent placement—within 100 feet of the gateway.

Press the center button on the sensor firmly. The green light below the button blinks for a few seconds to indicate the sensor is on. Repeat this step to power on all sensors being installed.
Note: Do not hold the center button down. This powers the sensor off.

5 **Add the Sensors to the Cloud VMS**

- Go to the Eagle Eye Cloud VMS Enhanced Web Interface and log in with your credentials.
- Go to the **Dashboard**.
- Click the plus icon in the top right of the window.
- Select **Add Sensor**.
- The **Available Sensors** page opens. Click the + icon next to the sensor to be added.

Note: The sensor is initially shown as offline on the dashboard. After two minutes, it should appear online (denoted by a green check mark).

6 **Place the Gateway**

Place the gateway so that is centrally located within 30 meters (100 ft) of the Eagle Eye sensors. If your facility has a large number of electronic devices with wireless capabilities, microwave ovens, or metal obstructions, the sensors may need to be closer to the gateway to overcome electromagnetic interference and shielding.
Determine if the installation site has adequate Wi-Fi strength where you install the gateway. To check this, confirm that there are two or more bars showing on a nearby mobile device connected to the same Wi-Fi network as the gateway.

7 **Install the Sensors**

Each sensor should be placed as close to the desired measurement location as possible and within the communication range of the gateway. Sensor bluetooth communication ranges vary from 30–60 meters (100–200 feet) depending on the sensor model. Check the datasheet for each sensor model's communication range.
Sensors can be physically installed in one of several different ways, depending on the type of measurement.

- Placed on a flat surface
- Mounted with screws
- Suspended with a zip tie
- Glued with epoxy
- Mounted with two-sided tape or Velcro