







Nano Quick Installation Guide

What is Included in the Box?

	• V-Count Nano 3D Sensor
	• Label for cables
	• 7 cm bracket
	• USB-C type 5V 2A EU adaptor

Use only USB-C type 5V 2A adaptors to avoid sensor damage. Use a UPS to prevent electronic damage and data loss from power cuts.

If you choose to use PoE, PoE Splitter is SOLD separately. Use only relevant PoE switches and splitters that comply with the IEEE 802.3af standard as Nano's maximum power requirement is 10W.

***You can set up your device using either Wi-Fi or a cable connection.**

Alternative -1: Requirements for Installation with Wi-Fi

1. A mobile phone to connect and configure the sensor.
 2. The username and password of the modem to connect to the device.
 3. The serial number located on the back of the device
 4. Mobile app and its password - You can obtain the password from our support.
 5. Scan the [QR code](#) to download the [mobile app](#).
 6. You can set up your device through the "Setup Sensor" menu, under the "Profile" section on the mobile app.
- *Please configure the Wi-Fi settings through our application, not the local interface.*

BOOSTBI APP



Alternative -2: Requirements for Installation with CABLE

1. A laptop to connect and configure the sensor.
2. A PoE Splitter, in case a PoE switch is being used.

Please note that PoE is not included in the box; you may need to purchase it separately.

For information about PoE installation, please scan the [QR code](#) down below.

3. A laser meter to measure the ceiling height.
4. An Ethernet cable to connect the unit to the switch.

Ensure sufficient cable length from installation to switch point, not exceeding 90 meters for CAT5/CAT6 cables.

5. An Ethernet crimp tool and a cable tester to check cable health.
6. A ladder to install the unit.

Scan the QR Code for Configuration and Calibration

If you experience a problem with calibration and configuration, please scan the QR code, fill out the form with the serial ID from the back of the unit (starts with D0 A0 11 3X XX XX), and request configuration and calibration after completing the installation.

Detailed Installation Guide



Installation Steps

Step- 1: Identify the Installation Point

- Confirm the installation location before installing the unit.
- V-Count sensors are usually placed near entrance doors.
- Choose sensor locations carefully to avoid obstructions like inward-opening doors that can affect data quality.
- Consider different installation scenarios to select the most suitable for your location.



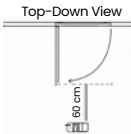
Sliding Doors

If the door(s) don't block the sensor, position it 60 cm from the entrance, starting from the door.



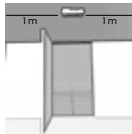
Door Opening Outside

If the door(s) don't obstruct the sensor, position it 60 cm away from the door.



Door Opening Inside

If the door(s) might obstruct the sensor, position it about 60 cm from the door's fully open state.







Alignment

Position the sensor at the center of the entrance. For multiple sensors, scan the detailed guide QR on the front page.





Step-2: Installation Summary

For Wi-Fi Connection

-  Attach the bracket by rotating it to the top of Nano.
-  Plug the USB-C cable into the USB slot at the back of Nano.
-  Install Nano on the ceiling (Please refer to the "Installation Point" section in the first step.)
-  Wait for the green light on the front of Nano to turn on.

For Cable Connection

**PoE Splitter is not included in the box, it is optional*

-  Place the PoE Switch on the PoE Splitter and the PoE Splitter on the back of Nano.
-  Attach the bracket by rotating it to the top of Nano.
-  Install Nano on the ceiling (Please refer to the "Installation Point" section in the first step.)
-  Wait for the green light on the front of Nano to turn on.

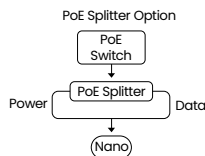
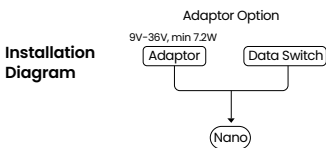
Step-3: Determine the Installation Direction

Ensure the unit is installed in a top-down position with the arrow pointing to the interior of the location (inside).



Step-4: Ethernet & Power Cabling

Nano sensor requires an internet connection to transmit traffic data to V-Count servers. Please refer to the installation diagrams for various installation options.



Protips

Please ensure that any extension of the adaptors is limited to the AC side, as extending the DC side may lead to unpredictable behavior, depending on the quality of the adaptor utilized. It is not recommended to extend the DC side.

