N1 Installation Guide

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1 Instruction

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1.1 Document Guide

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1.1.1 Target Audience

This document is intended for users who need the information on N1 installation.

1.1.1 Symbols

This product should be operated under the safety instructions with the warning or caution symbol in this manual. It is important for you to read and understand the contents to operate the products safely.

Caution



- This symbol is used for statements intended to prevent potentially hazardous situations that may result in death, personal injury, or significant property damage. Users should fully understand the information associated with this symbol.

Information



- This symbol is used to indicate product-related notes and supplementary information. Users are advised to read statements containing this symbol carefully.

1.1.2 Revision History

Version	Date	Description
1.0	2026-06-30	Initial release

2 Installation

Installation Environment
Installation Method

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2.1 Installation Environment

This section provides safety precautions and a list of components required for the installation.

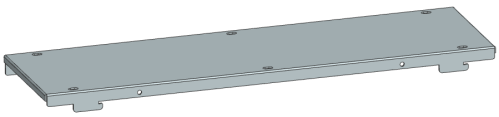
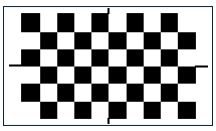
2.1.1 Safety Precautions

- Before installation, be sure to verify the ceiling material and mounting strength for drilling. Additional reinforcement work may be required depending on the installation environment.
- When mounting the product, use fastening components that meet the specified standards and perform a final inspection to ensure that all screws are fully tightened.
- It is recommended that ceiling installation work be carried out by two or more people. Be cautious of falling and tipping accidents during installation.
- Be careful not to apply impact to the product during sensor movement or installation. External impact may degrade product performance or cause malfunction.
- After installation, verify that the bracket is securely fixed without any looseness before operating the equipment.

CAUTION	• Have the condition of the ceiling structure inspected by a qualified professional before installation. • Do not disassemble the product or arbitrarily modify the installation structure. • Secure sufficient workspace around the installation area to ensure safe operation.

2.1.2 Components

The components included in the N1 package are as shown below:

Item	Qty	Image
N1 sensor	1	
Bracket	1	
Calibration board	1	
Power adaptor	1	

Power cable	1	
Ethernet cable	1	
Spirit level	1	
Marker ball	12	
M5 × 30 mm round head Type 1 tapping screw	6	
M4 × 16 mm truss tapping screw (Type 1)	2	

2.1.3 Reference Documents

The QR codes and URLs related to N1 are as follows:

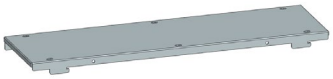
Document	QR Code	URL
N1 User Manual		https://qrfy.io/r/cR4VSiQlKy
MURLIE User Manual		https://qrfy.io/r/1jkeZu8nn_
NEO-E User Manual		https://qrfy.io/r/zzk7HHtogP
N-Bridge User Manual		https://qrfy.io/r/LK9T_uBNNA
N-Bridge OneStop Settings Guide		https://qrfy.io/r/i0QqmNu_BM

2.2 Installation Method

This section describes how to install the N1 sensor on the ceiling and connect the LAN cable.

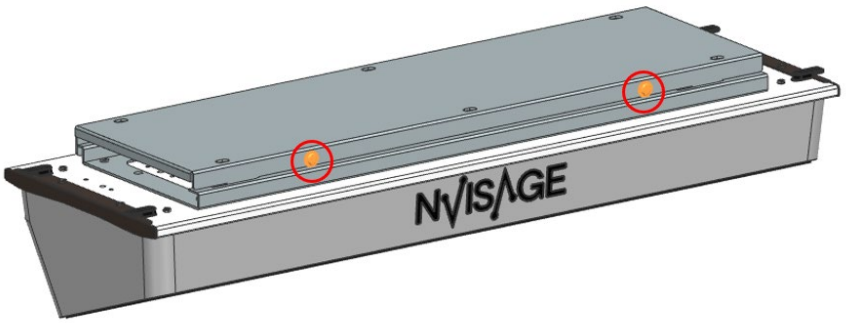
2.2.1 N1 Installation

The components needed for N1 installation are as follows:

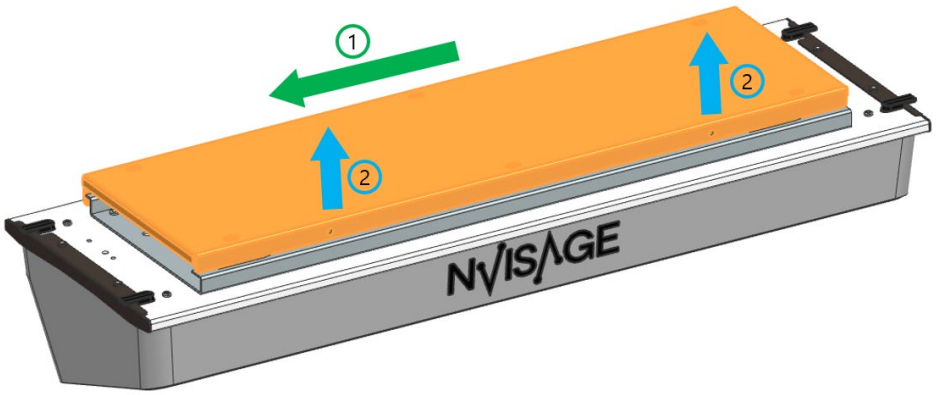
Item	Qty	Image
Ladder (purchased separately)	1	
Phillips screwdriver (purchased separately)	1	
M5 × 30 mm round head Type 1 tapping screw	6	
M4 × 16 mm truss tapping screw (Type 1)	2	
Bracket	1	
N1 sensor	1	

Step 1 Install the bracket on the ceiling

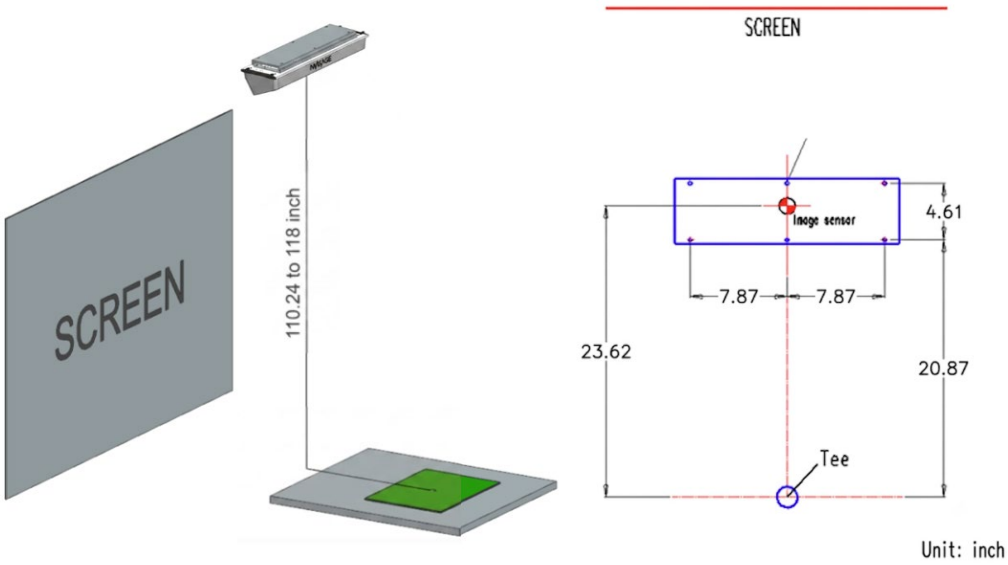
1 The N1 sensor in the box is assembled with the bracket attached. Use a Phillips screwdriver to remove 2 units of the M4 × 16 mm screws shown in the figure below and separate the sensor from the bracket.



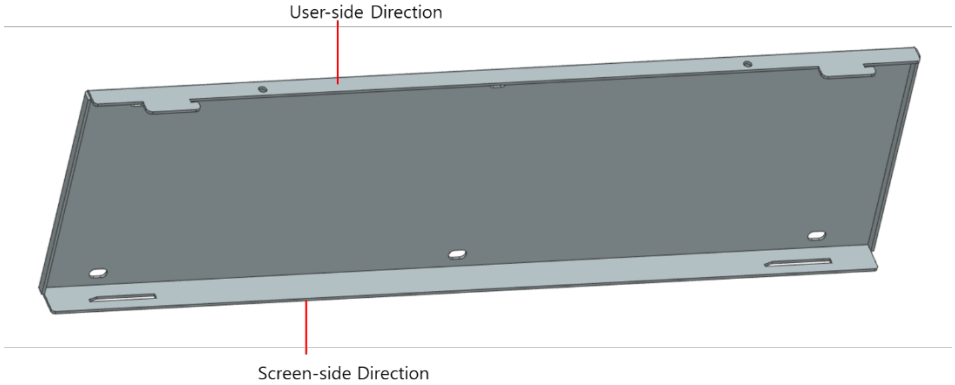
2 After unscrewing the screws, disassemble the bracket in the following orders: Push the bracket in the direction of the arrow; and lift the side where the screw was located.



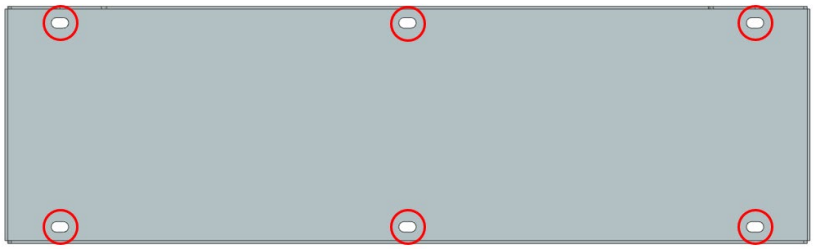
3 Position the tee (where the golf ball is placed) so that its mounting location matches the figure below. (Height: approximately 118 inches).



4 Place a ladder below the ceiling location where the bracket will be installed. At this time, install it so that the upper mounting screws face away from the screen.

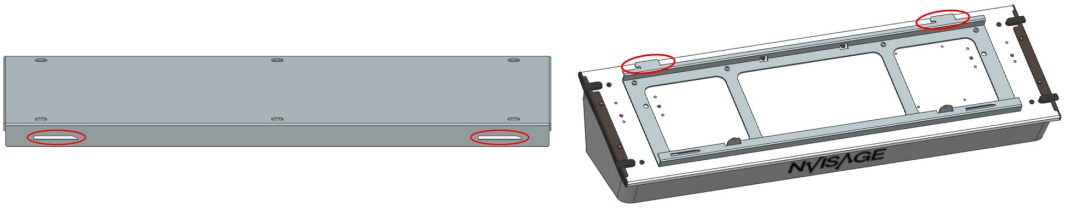


5 Position the bracket correctly and secure it by tightening six M5 × 30 mm truss head Type 1 tapping screws.

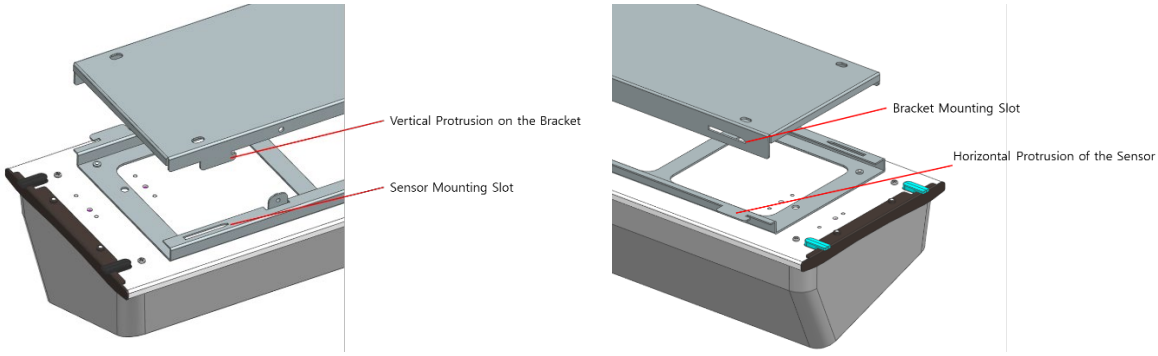


Step 2 Attach the N1 to the bracket

1 After securely fixing the bracket to the ceiling, install the sensor. The bracket has two mounting slots, and the sensor has two horizontal protrusions.

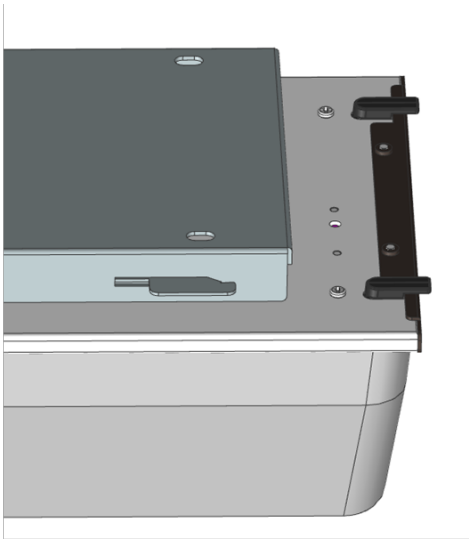


2 Insert the sensor's horizontal protrusions into the bracket's mounting slots, then align the vertical protrusion on the opposite side of the bracket with the sensor's mounting slot and insert it.



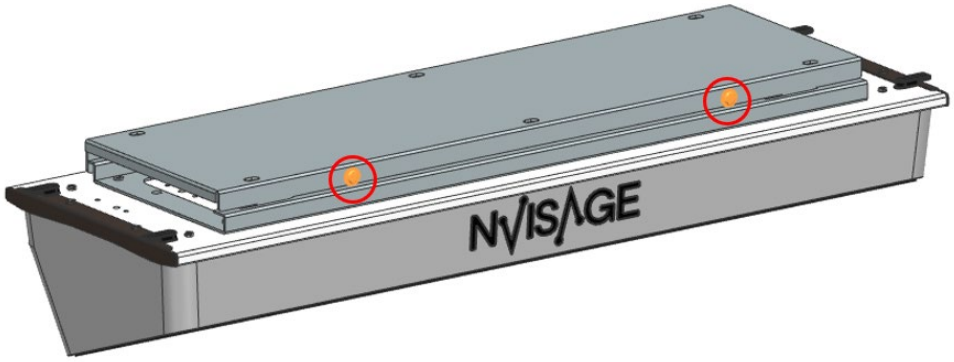
3 Secure the sensor by sliding it sideways.





Fixed

4 Secure the bracket and sensor using M4 × 16 truss head screws.

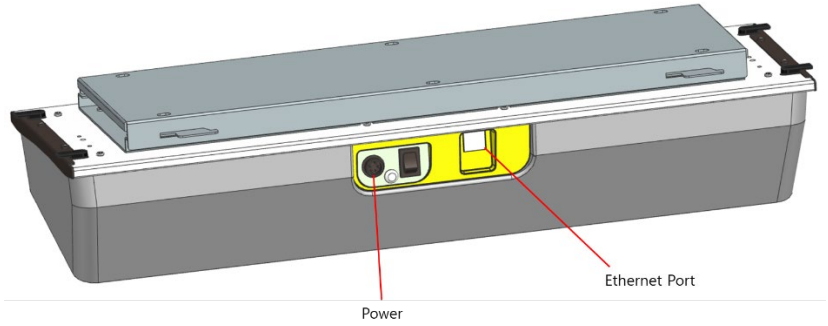


2.2.2 LAN Cable Connection

1 Prepare the following parts.

Item	Qty	Image
Ethernet cable	1	
Power cable	1	
Power adaptor	1	

2 Connect an Ethernet cable to the N1 sensor. Connect the other end of the cable to the PC's Ethernet port.



3 Connect the power cable to the power adapter, then connect the power cable to the N1 sensor. Plug the other end of the cable into a grounded standard electrical outlet.

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