iDter
INTELLIGENT DETERRENCE

Nio1 Installation Guide

Tools Required

- Safety Glasses
- Ladder
- Wire Strippers
- Phillips-head Screwdriver
- Silicone Sealant
- Power Drill with metal drill bits*

Planning Your Installation

Before assembly, turn power off at the circuit breaker or fuse. Ensure that all parts are present. Compare parts with the “Hardware Included” and “Package Contents” sections. If any part is missing or damaged, do not attempt to assemble, install, or operate this fixture.

* Typical drill bits needed are 5/32” for junction box screw clearance using the 8-32x1.5" screws provided, 3/16" for wall screw clearance, 1/4" for wall anchor inserts. Please check the sizes you need.

Package Contents

Ⓐ Niō Floodlight × 1
Guardian and Protector!

Ⓑ Mounting Plate × 1
Back half of Niō Ⓐ

Ⓒ Protective LED Cover × 2
Increases weather resistance of the unit

Ⓓ Accessory Visor × 1
(optional)
Shields the camera from the elements and reduces glare

Ⓔ Gasket × 1
(pre-installed) to prevent water intrusion.
NOT Weatherproof enclosure

Ⓕ Mounting Template × 1
A paper template to help mount the unit easily.

Hardware included

Ⓖ Junction Box Machine Screws × 4
Used to install Mounting Plate Ⓑ directly to junction box

Ⓗ Mounting Screw and Anchor Kit × 6
Used to install Mounting Plate Ⓑ when installing to a wall, and not directly to the junction box

This product is designed for use with the following types of electrical conduit:

Rigid Metal Conduit
RMC, GRC

Intermediate Metal Conduit
IMC

Electrical Metallic Tubing
EMT

Safety Information

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED. Any Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.
FCC compliance: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .This equipment should be installed and operated with minimum distance of 20cm between the radiator & your body. Please read and understand this entire manual before attempting to assemble, install, or operate this light fixture.
Power: This product requires a 100-277V power source.
Installation: This light fixture should be attached to a wall. The light fixture should be mounted approximately 14 ft (4.3m) above the ground. If the light fixture is mounted higher than recommended, this may reduce the coverage area.
Privacy Laws: Many states regulate the use of security cameras and other recording devices. It is the purchaser’s sole responsibility to ensure compliance with all applicable laws and to provide any legally required notices. Check local laws regulating the use of any recording devices and cameras prior to installation.

Warranty

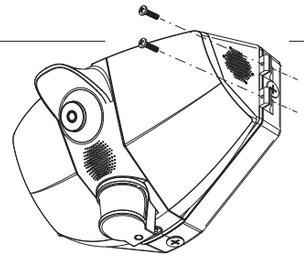
Please visit idter.com for full warranty details.

Installation Steps

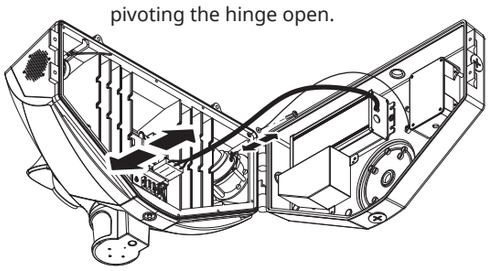
1 Turn off power at breaker.

2 Determine desired mounting location. If mounting on the wall, use the mounting template Ⓕ to mark holes on the wall at positions shown on the template. make sure you level the template. If making holes in the wall, apply waterproof caulking (see below) before attaching the mounting plate.

3



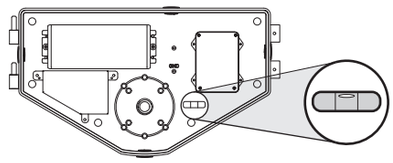
Separate the two halves of the floodlight by removing the two closure screws and pivoting the hinge open.



Remove the white Molex connector at the green circuit board, coming from the power supply (depress the tab and gently wiggle the connector to remove) and the black grounding wire.

Lift the front half of Niō Floodlight straight UP↑ off of the hinges of the Mounting Plate Ⓑ.

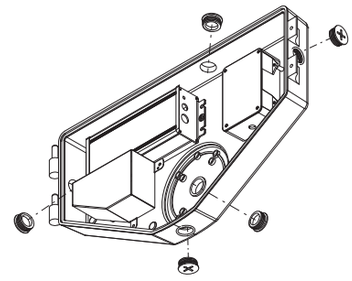
4 Remove the existing light fixture. Install the Mounting Plate, containing the power supply, to the junction box. Use the Junction Box Machine Screws Ⓖ to secure the Mounting Plate Ⓑ (or use Mounting Screw and Anchor Kit Ⓗ if not mounting to junction box).



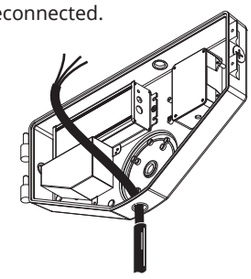
Adjust the Mounting Plate Ⓑ to make sure the air bubble in the level is in the center. Firmly pull on the mounting bracket to verify it is securely mounted to the junction box.

*Be sure to clean out **ALL** metal shavings after drilling out mounting holes. Any metal shavings that remain after installation will void warranty.*

5



Choose one of the five conduit plugs to remove and connect the electrical conduit through it to supply power to the floodlights. Typically, there would be a ground wire between the housing and the wall that would need to be disconnected and reconnected.



*Non Metallic UL Liquid Tight Electrical Conduit **is not supported**.*

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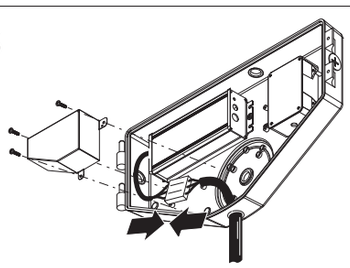
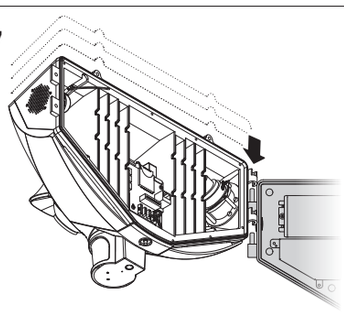
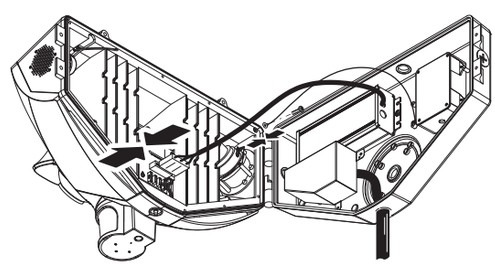


Use power input connector to complete wiring. Unscrew the three screws holding on the metallic cover, below the large metal power supply. Press tabs and insert corresponding wire into connector. Pull wire firmly to verify secure connection. Replace metallic cover.

7



Attach front half of Niō Floodlight to the mounting plate Ⓑ by sliding it onto the hinges.



Reconnect white Molex connector and black grounding wire that were disconnected in Step **3**.

8 Close the housing carefully, ensuring no wires get pinched. Ensure the gasket Ⓔ is in place and tighten the closure screws to create a proper seal. Do not overtighten.

9 Return power to light, and ensure the unit turns on.

How To

Properly Weatherproof Housing

Apply a bead of silicone sealant/caulking around any holes created for mounting, before attaching the mounting plate Ⓑ to the wall.
Use sealing locknut where necessary. Optionally, apply silicone sealant/caulking to the threads of any electrical conduit entering the housing.

Adjust Direction of Camera

Gently press the camera ball and change the direction of lens to get the best view.

Removing Protective Cover for Cleaning

Unscrew each cover at the bottom, wipe clean, and reinstall. Cover Ⓒ should always be on to protect against the elements.

Installing Accessory Visor

Screw on the Accessory Visor Ⓓ using two small Phillips head screws, supplied with the visor, at the top.

Download Mobile App

Download the iDter app and follow the in-app instructions. Visit idter.com for further information about how to connect the light to the mobile app and how the system works.