

## Tools Required

- Safety Glasses
- Ladder
- Phillips-head Screwdriver
- Silicone Sealant
- Power Drill with drill bits\*

\* Typical drill bits needed are 5/32" for junction box screw clearance using the 8-32x1.5" screws provided, 1/8" for wall screw, 11/64" for wall screw clearance (Niō mounting plate), 15/64" for wall anchor inserts. Please check the sizes you need.

## 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.

## Package Contents

- Ⓐ Niō Floodlight

Guardian and Protector!

× 1
- Ⓑ Mounting Plate

Back half of Niō Ⓐ

× 1
- Ⓒ Protective LED Cover

Increases weather resistance of the unit

× 2
- Ⓓ Gasket

(pre-installed) to prevent water intrusion. Protected against water jets from any angle

× 1

*Do **NOT** submerge IP65 LED lights, these are not waterproof*
- Ⓔ Mounting Template

A cardboard template to help mount the unit easily.

× 1

## Hardware Included

- Ⓕ Junction Box Machine Screws

Used to install Mounting Plate Ⓑ directly to junction box

× 4
- Ⓖ Mounting Screw and Anchor Kit

Used to install Mounting Plate Ⓑ when installing to a wall, and not directly to the junction box

× 6
- Ⓗ Extra LED Cover Screws

Used to attach Protective LED Cover Ⓒ to Niō Ⓐ

× 2

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

Rigid Metal Conduit	Intermediate Metal Conduit	Electrical Metallic Tubing
<b>RMC, GRC</b>	<b>IMC</b>	<b>EMT</b>

## 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 all instructions before attempting to install, or operate this light fixture.

**Wattage:** 90W    **Rating:** DC 41.1V-57V

**This device must be professionally installed.** This equipment does not allow any antenna to work with the transmitter; the permitted antenna type must be specified external antennas, for example (antenna,Model: VKU01--dipole antenna ). The device is generally for industrial/commercial use. it must be sold to authorized dealers or installers only,cannot be sold via retail to the general public or by mail order.The equipment is an WIFI2.4G/5G,BLE technology RF product, and must be installed by electrical and electronic professionals with a professional certificate.

**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](http://idter.com) for full warranty details.

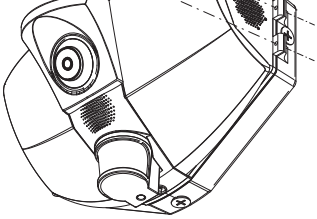
# Installation Steps

- 1

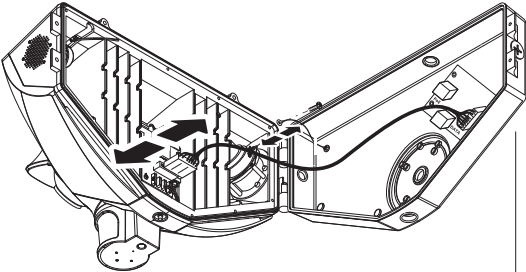
Turn off power at breaker.
- 2

Determine desired mounting location. If mounting on the wall, use the mounting template ⑤ 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 loosening the two enclosure screws and pivoting the hinge open.

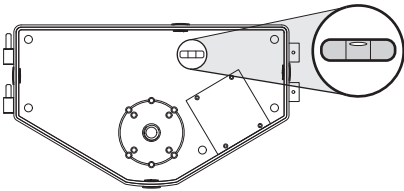


Remove the white Molex connector at the green circuit board, coming from the power supply (depress the tab and gently wiggle the connector to remove) and the green grounding wire.

Lift the front half of Niō Floodlight straight UP↑ off of the hinges of the Mounting Plate ②.

- 4

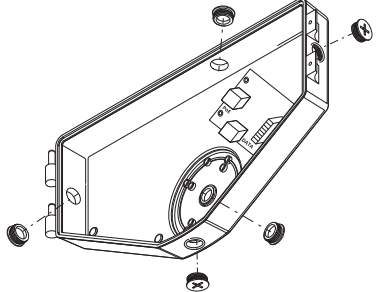
Remove the existing light fixture. Install the Mounting Plate, containing the power supply, to the junction box. Use the Junction Box Machine Screws ⑥ to secure the Mounting Plate ② (or use Mounting Screw and Anchor Kit ④ if not mounting to junction box).



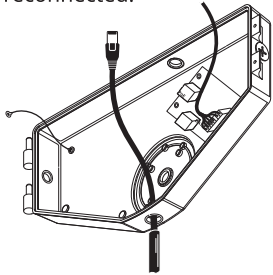
Adjust the Mounting Plate ② to make sure the air bubble in the level is in the center. Firmly pull on the mounting bracket to verify it is securely mounted to the junction box.

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

- 5

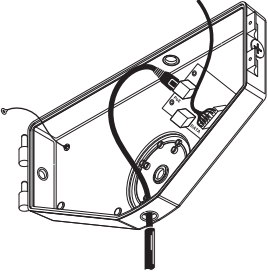


Choose one of the five conduit plugs to remove and connect the electrical conduit through it to supply power to the floodlights. Typically, there will be a ground wire between the housing and the wall that would need to be disconnected and reconnected.



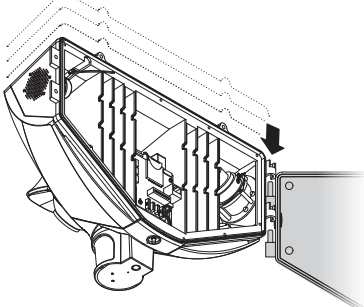
*Non Metallic UL Liquid Tight Electrical Conduit **is not supported.***

- 6

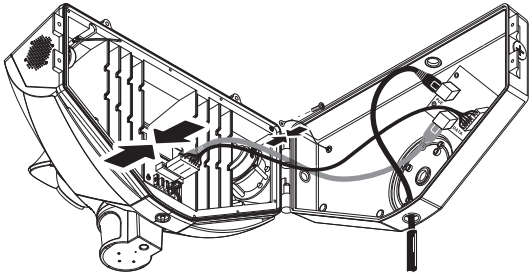


Plug the incoming PoE cable into the Power Supply RJ45 port, labeled PoE. Ensure a good connection.

- 7



Attach front half of Niō Floodlight to the mounting plate ② by sliding it onto the hinges.



Reconnect white Molex connector and black grounding wire that were disconnected in Step 3. Optionally, use the provided Ethernet Patch Cable to attach the DATA port on the Power Supply to the RJ45 port on the Niō, to supply hard-wired internet via PoE.

- 8

Close the housing carefully, ensuring no wires get pinched. Ensure the gasket ③ 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

### Remove Protective Cover for Cleaning

Unscrew each cover at the bottom, wipe clean, and reinstall. Cover ③ should always be on to protect against the elements.

### Adjust Direction of Camera

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

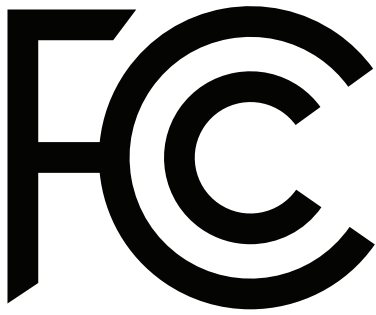
### Properly Weatherproof Housing

Apply a bead of silicone sealant/caulking around any holes created for mounting, before attaching the mounting plate ② to the wall. Use sealing locknut where necessary. Optionally, apply silicone sealant/caulking to the threads of any electrical conduit entering the housing.

## Download Mobile App

Download the iDter app and follow the in-app instructions. Visit [idter.com](https://idter.com) for further information about how to connect the light to the mobile app and how the system works.





## FCC warning:

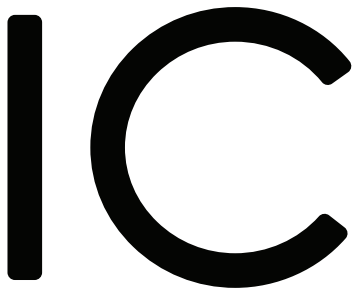
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



### ENGLISH

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

### FRANÇAIS

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) L'appareil ne doit pas produire de brouillage, et
- (2) L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20cm de distance entre la source de rayonnement et votre corps.