noke screen
BY JANUS INTERNATIONAL

Installation Guide

www.janusintl.com/noke

INTRODUCTION

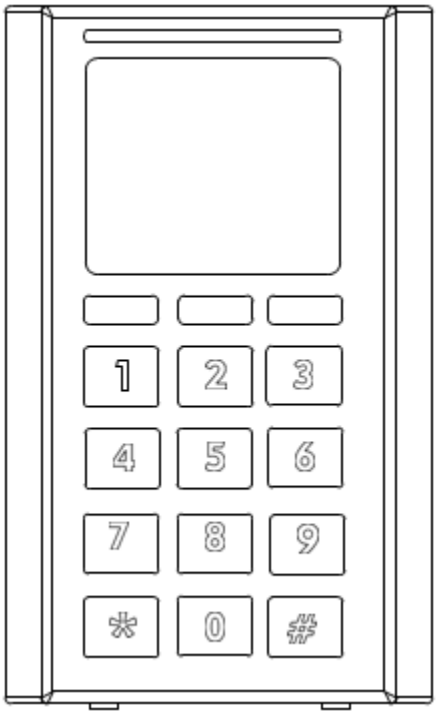
Before Starting

This installation guide provides instructions for installing a Nokē Screen in various settings such as pedestrian gates, parking entries, and interior pedestals. The Nokē Screen controls existing electronic locks. This guide is intended for licensed electricians and trained technicians only.

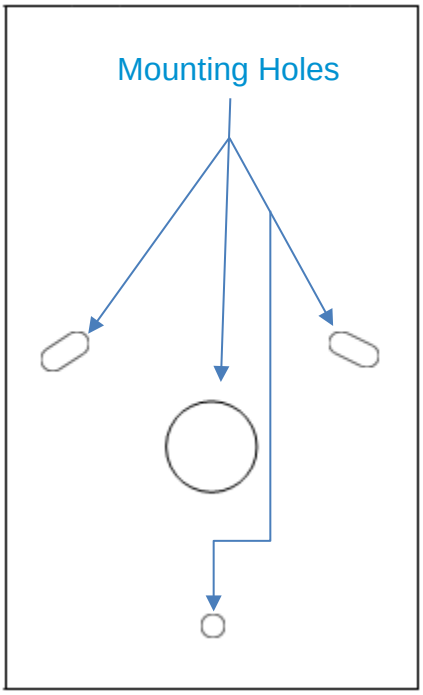
Make sure you have received the parts listed below--contact your dealer for any missing parts. The Nokē Screen also includes a software application (app) which can be downloaded from noke.app.

Parts

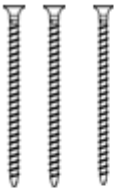
Nokē Screen



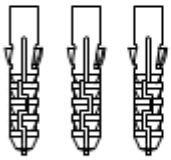
Backplate



Mounting Screws



Anchors



Torx Screws

Torx Wrench

Note: The **Backplate** is delivered with a Mylar film over the **Mounting Holes** for additional waterproofing. Before mounting the **Backplate** to a shroud or wall, the installers will need to remove this Mylar film.

nokē screen BY JANUS INTERNATIONAL

SPECIFICATIONS

Dimensions

2in. x 0.8in. x 5in. (5cm. x 2cm. x 12.7cm)

Material

Polished Zinc

Connectivity

Bluetooth enabled, WiFi

Power

12V - 24V DC input (requires 2 Amp capable), PoE

Backup Battery

None (backup from power supply switch)

Lock Activation

850mA / 0.01-25 Sec.

Operating Temperature

-22°F to 140°F (-30°C to 60°C)

Water Resistance Rating

IPX6

Buttons

Backlit for visibility

Alerts

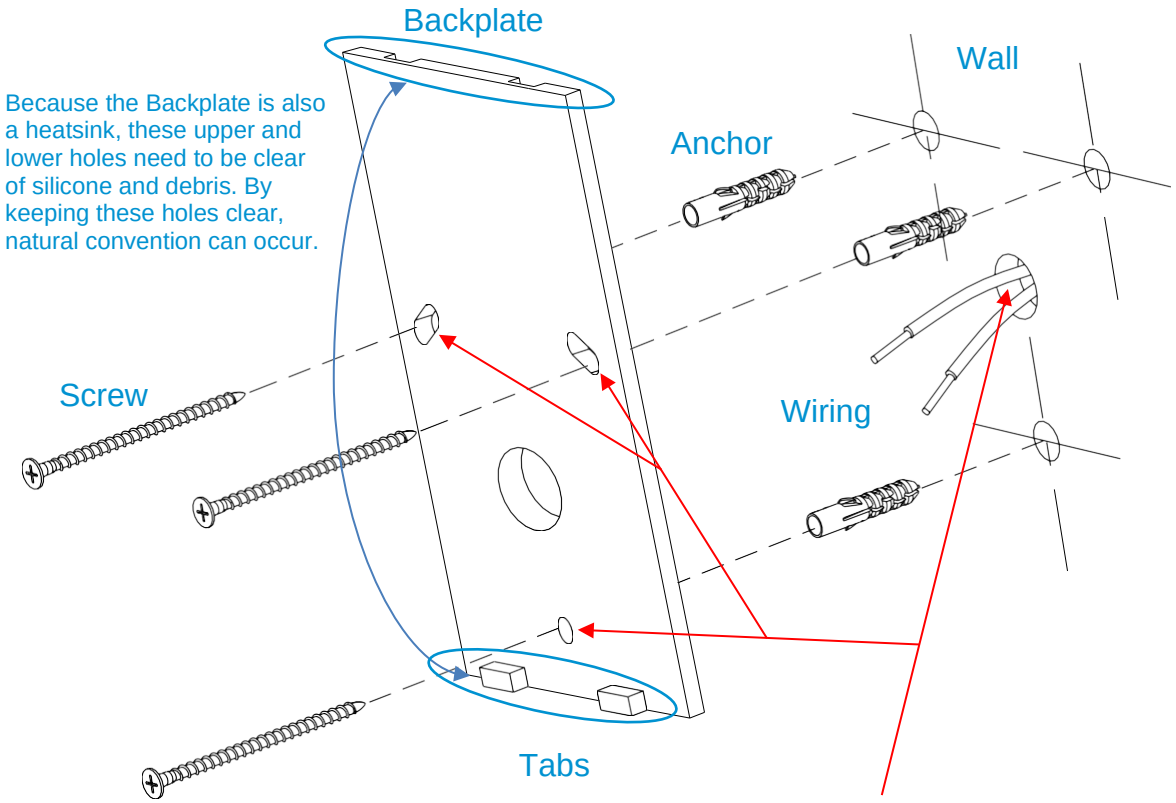
Multi-color LED indicator and auditory sounds

INSTALLATION

Installing the Backplate

Before drilling into walls, make sure there are no water or electrical lines in the way. For wall mounting, use a pencil to trace the desired back plate holes onto the wall. Then, drill the holes in the wall and set the anchors.

If mounting on any masonry exterior walls, use machine screws for metal plates and toggle screws for interior drywall. Check that the bottom tabs on the back plate are facing away from the wall. Also, make sure the wall hole for the electrical power lines up with the large center hole in the back plate.



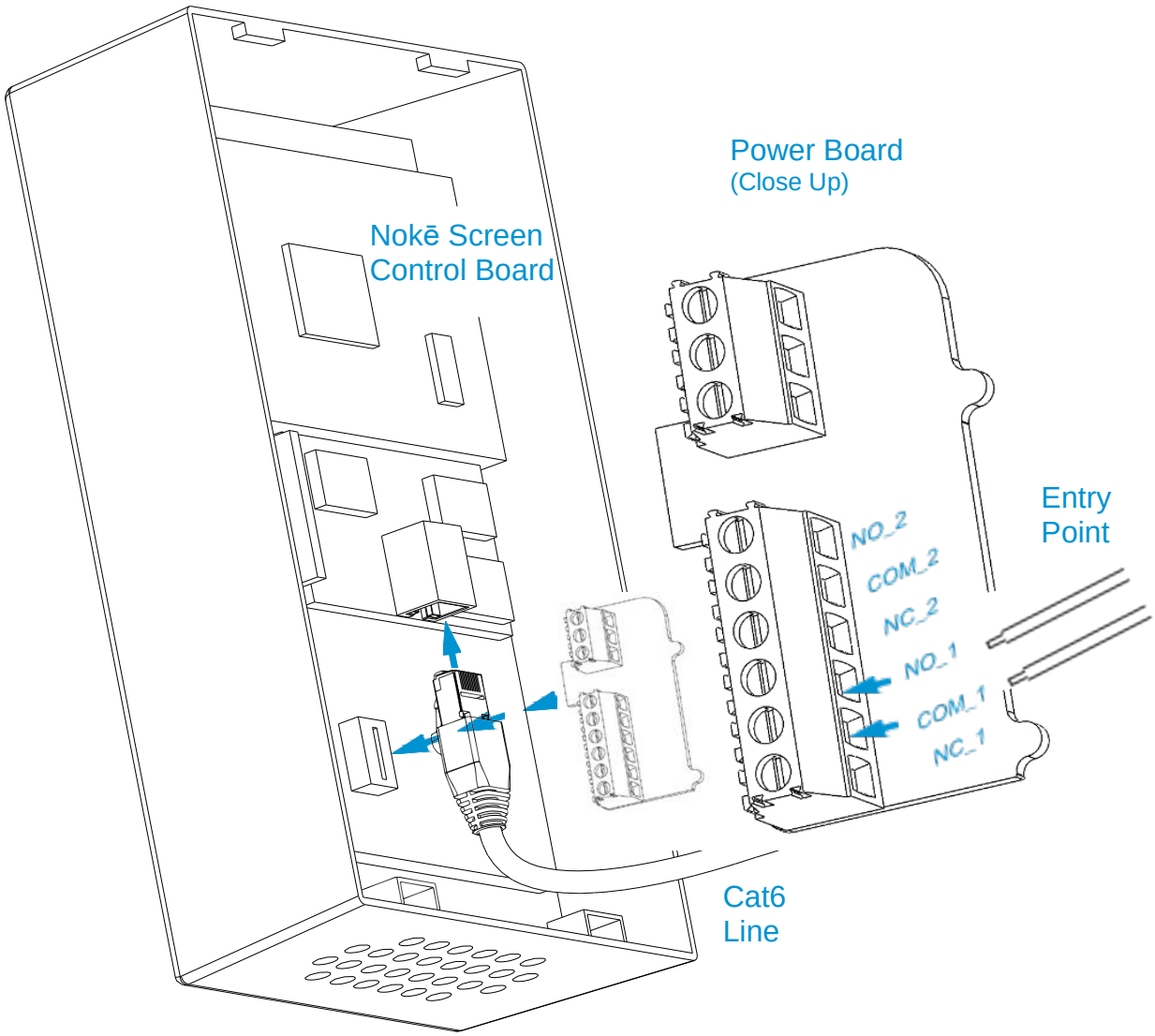
Note: Installers need to fill any gaps in the screw holes (illustrated in red) to create a waterproof seal. Also, make sure you remove outer stickers from waterproofing sticker.

INITIALIZATION

Wiring

When using PoE for power and data, connect the CAT6 into the control board port as shown below.

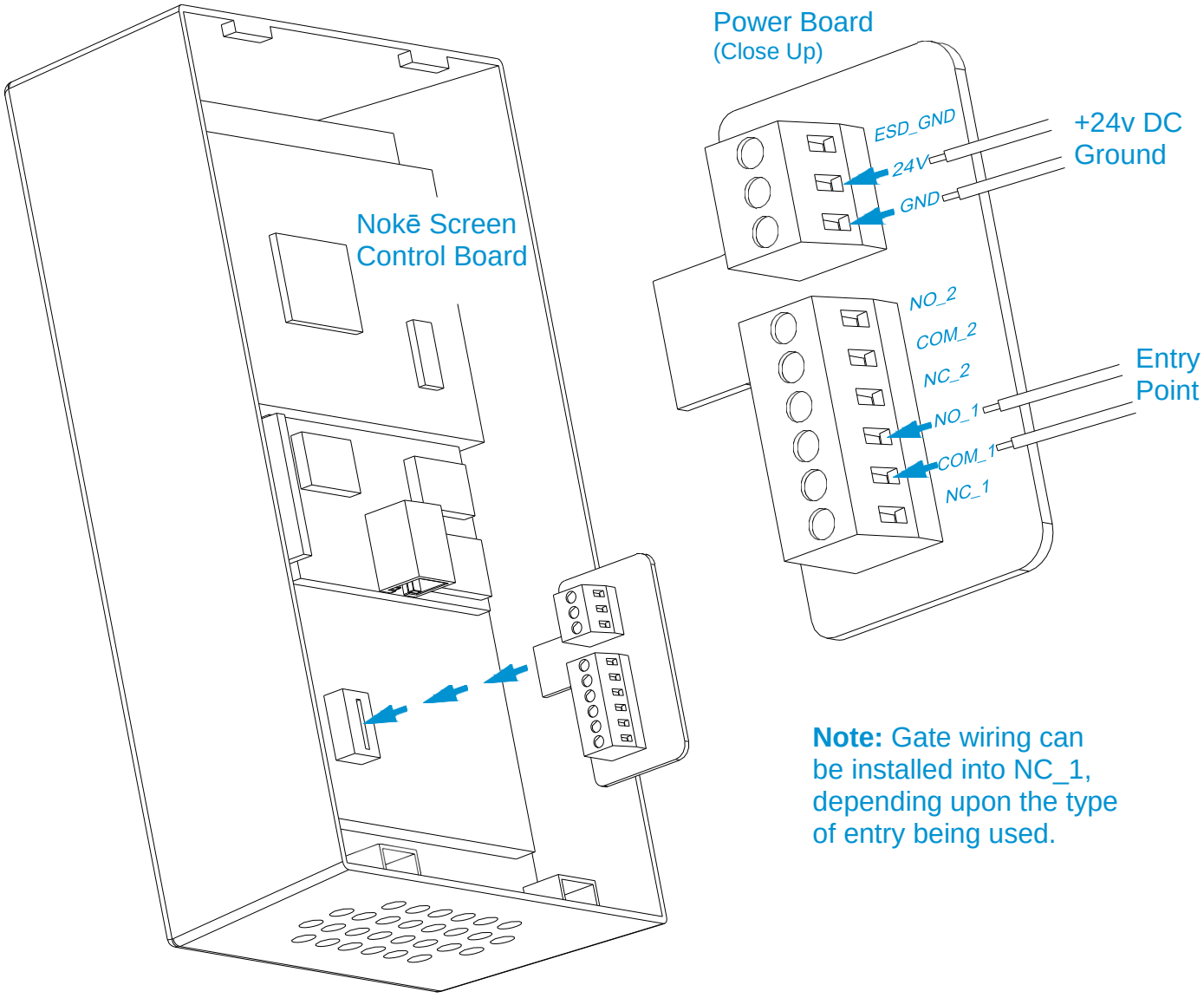
1. No devices other than Nokē products should be plugged into the switch.
2. Use approved conduit only--never run high voltage inside. Always adhere to all local building and electrical codes.
3. If there are any discrepancies between your local building codes and this manual, always adhere to local codes, which take precedence.



INITIALIZATION

When not using PoE for power and data, use an Altronix power supply to power Nokē Screen. Data will need to be provided via WiFi. First, connect the power supply wire (12V-24V DC) and both the ground (GND) and earth ground (ESD GND) wires to their relay push pin connectors on the relay board, and then insert the relay board into the control board. (Use only 18-gauge, 2 conductor wire.)

Connect wires coming from the entry point (or gate) to the common (COM) and either normally open (NO) or normally closed (NC) pins on the power board. Extra connectors are provided on the power board to connect and control additional electrical locks to the Nokē Screen.



Note: Gate wiring can be installed into NC_1, depending upon the type of entry being used.

INITIALIZATION

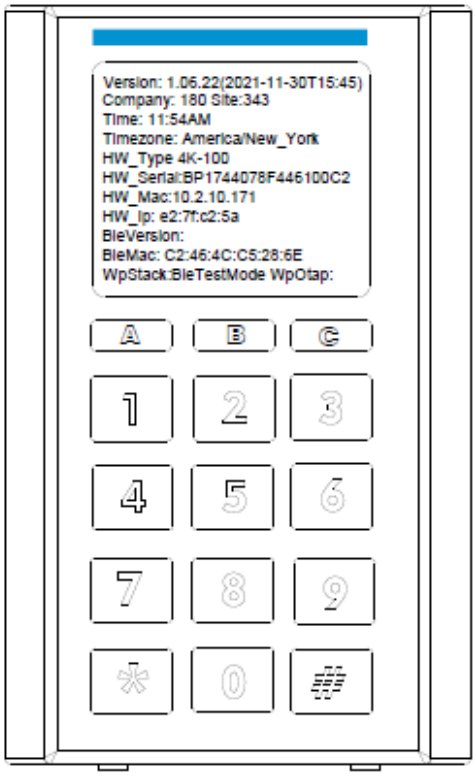
Setting Up the Application

To initialize the Nokē Screen, you can either gather information from the unit and submit it online or use the Nokē Smart Entry mobile device application (available on Google Play/Apple stores). The website is: www.smartentry.noke.com.

Before initializing the device, you need a Nokē login and password (see your Janus International Project Manager), and the device must be connected to a PoE cable or 12V-24V power supply and data line (Ethernet cable).

To initialize your Nokē Screen,

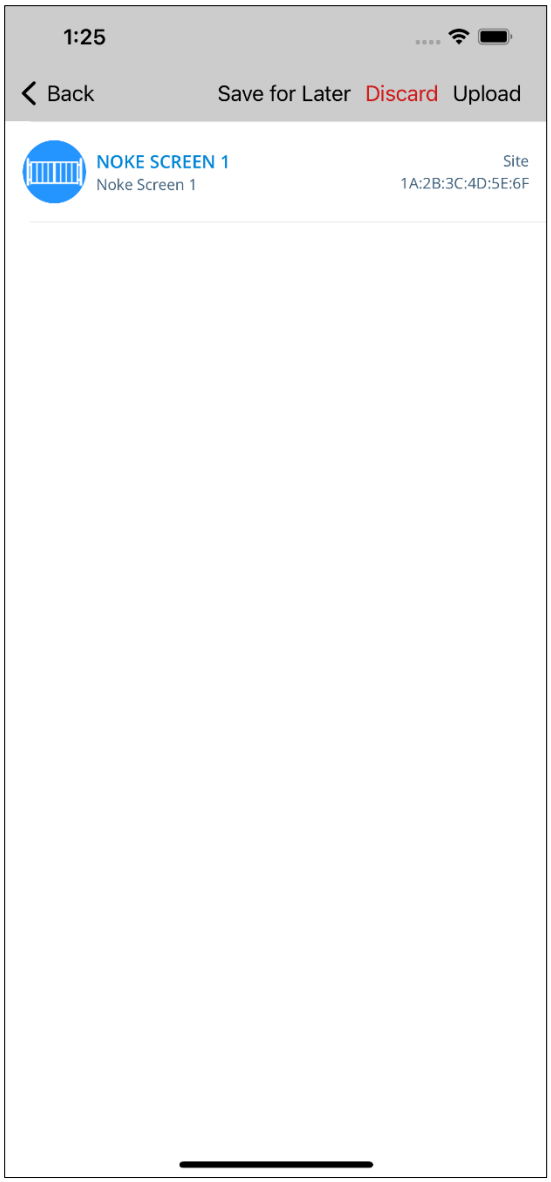
1. Once the device is powered up properly, the ***Welcome Screen*** displays.
2. Press **C** on the keypad to access the **Test/Diagnostics** menu.
3. Press **9** on the keypad to display the device information.
4. Take a photo of the device information since this initialization screen only appears this one time.

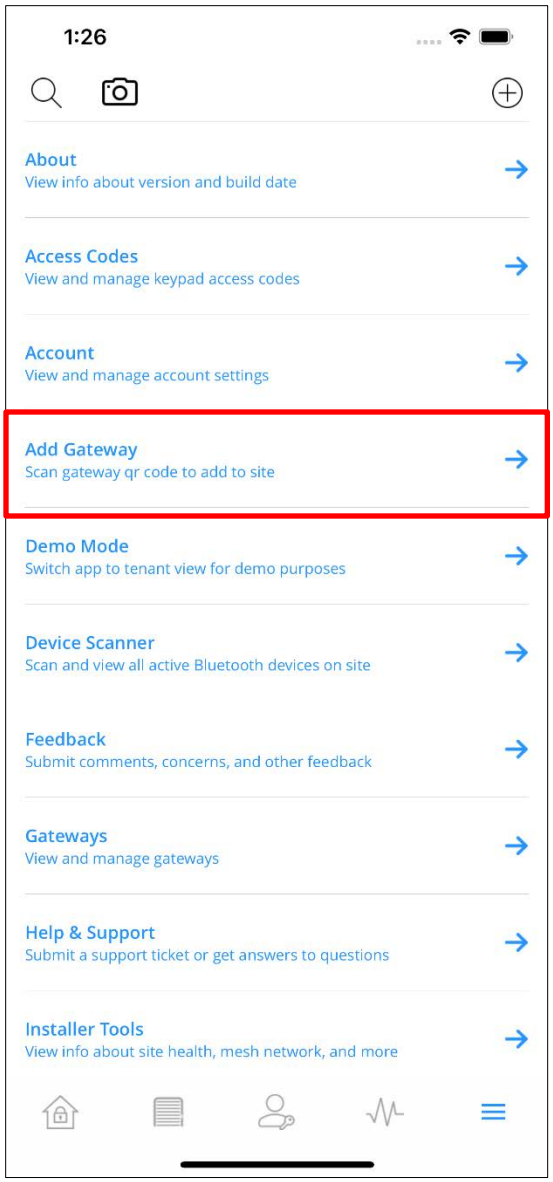


5. Press **0** on the keypad to display the QR code.
6. Log in to the Storage Smart Entry app and navigate to the device site. (If you have access to multiple sites, an arrow next to the site name appears on the Home screen.)

7. Press **Upload**.

8. Go to the menu page (icon on the upper- right corner of the app) and press **Add Gateway**.

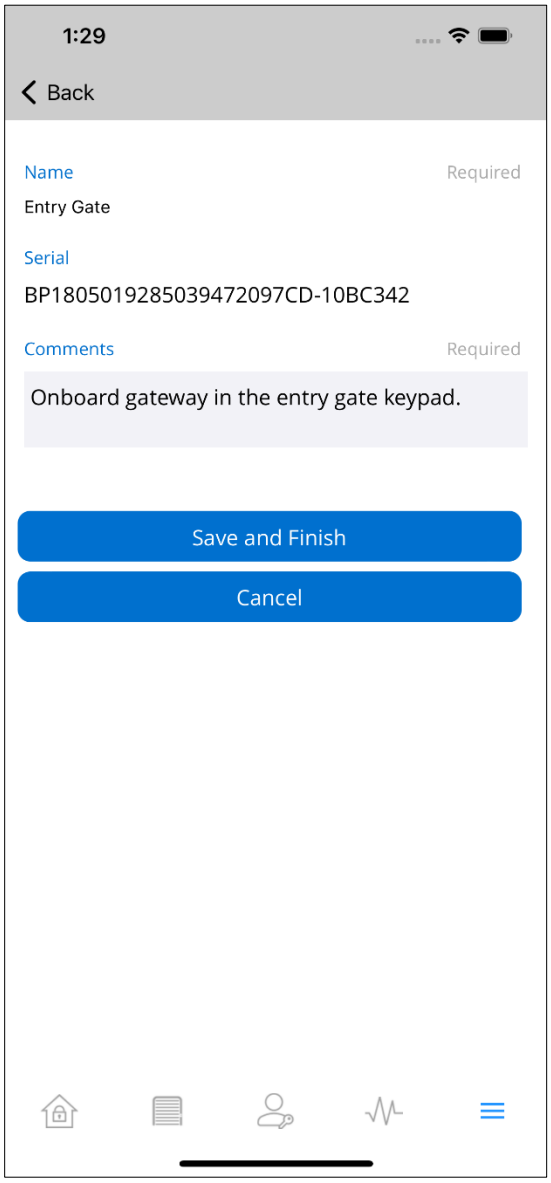




9. Name the gateway with a similar name to the device name.

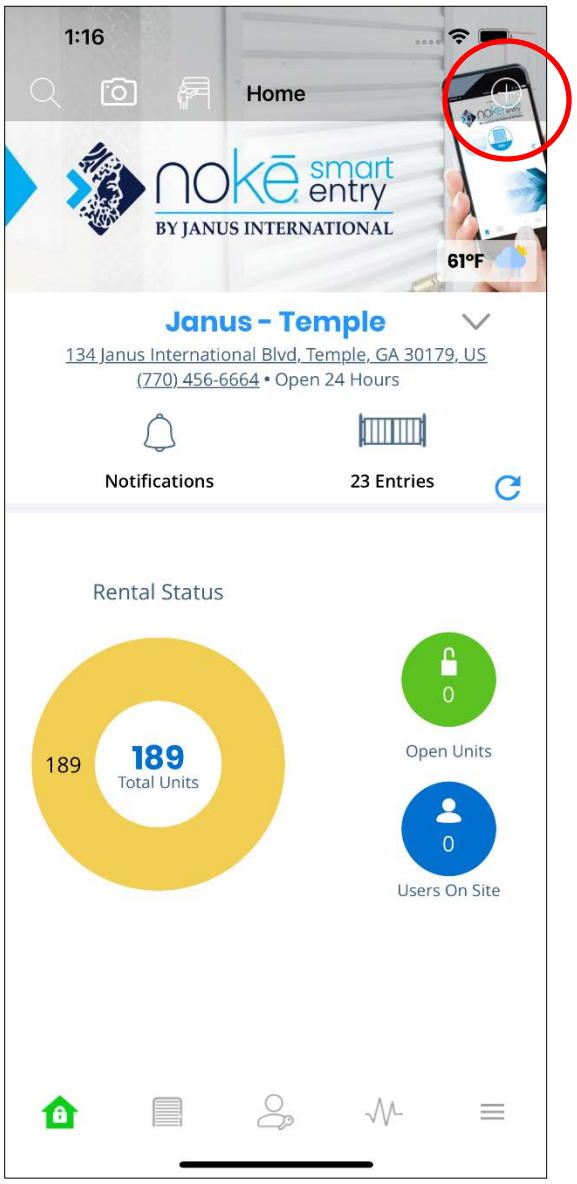
10. Use the **Comments** section to record how the device was wired (for example, PoE, 12V D.C. etc.).

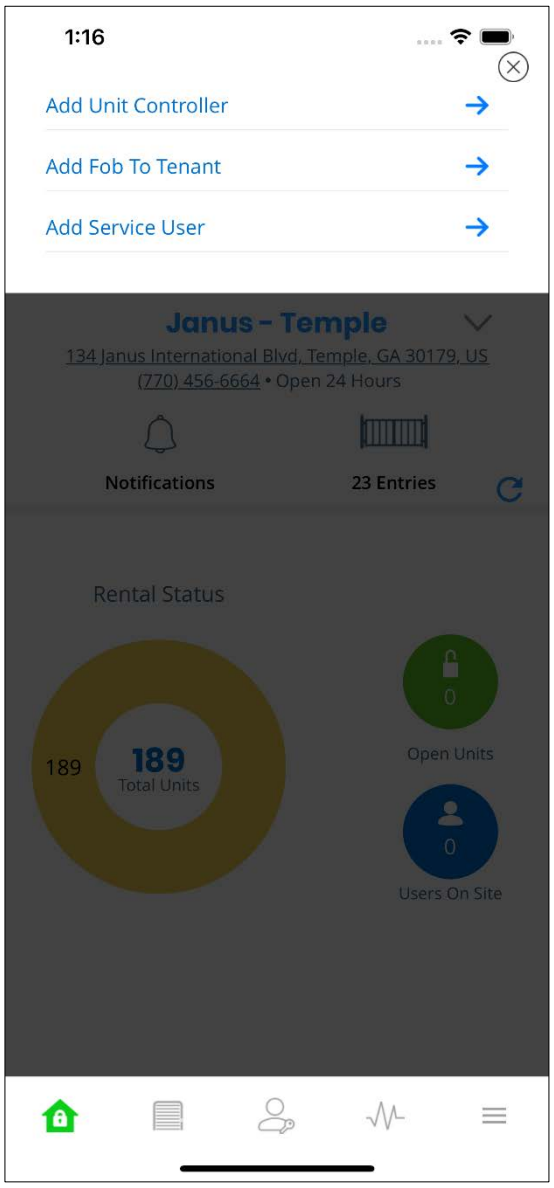
11. Press **Save** and **Finish**.



INITIALIZATION

12. Press the **+** button in the upper right-hand corner of the app to add your device.

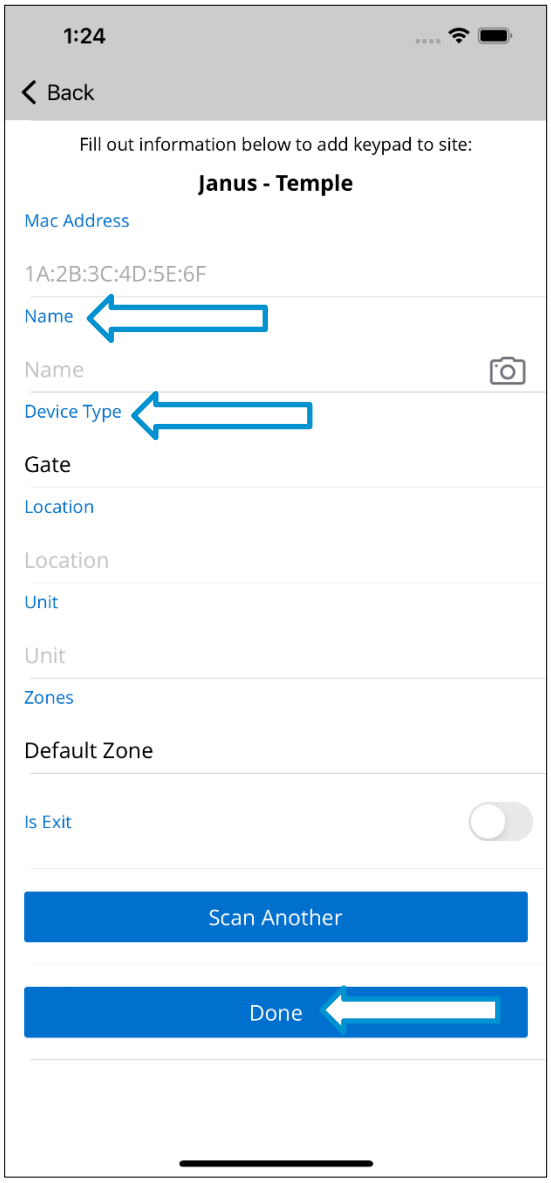




13. Using the app, scan the QR code on the Nokē Screen display.

14. After scanning, name your device and select what type of entry it controls (for example, gate, door, elevator, sliding door, etc.). Consider using a logical name or consult with a facility manager when naming the device.

15. When finished, press **Done**.

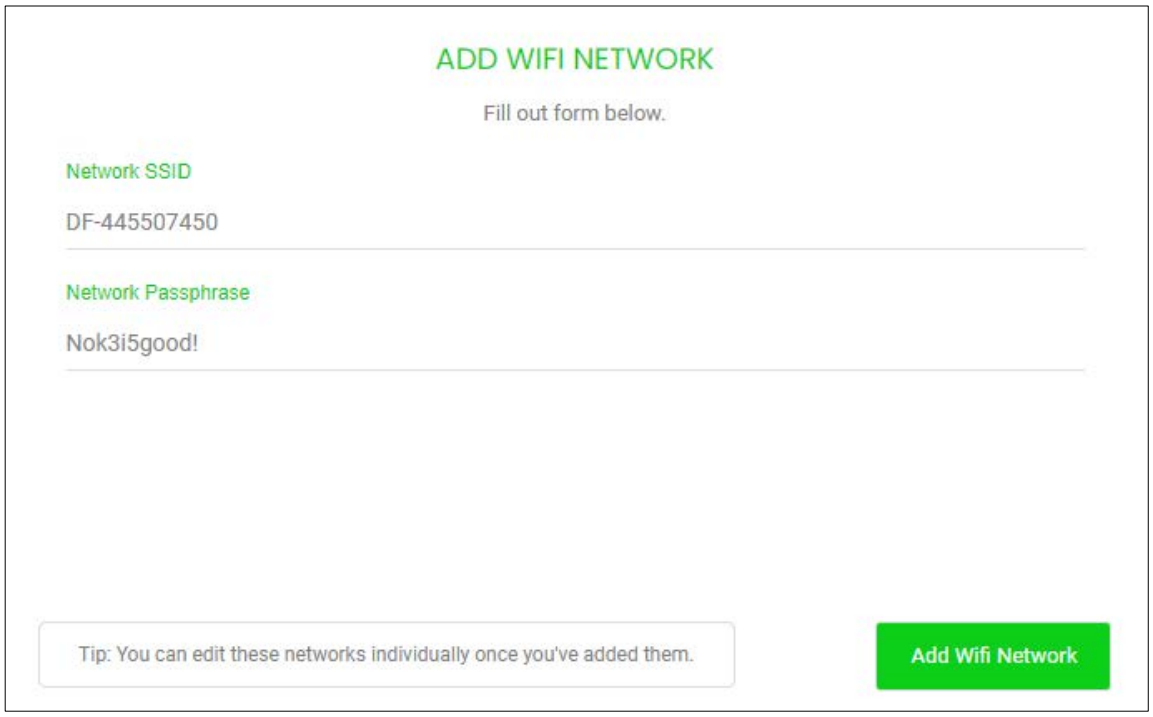


Connecting to WiFi

Before connecting the Nokē Screen keypad to the WiFi, you need your device's SSID and password. Usually, you can find this on the bottom of your device.

To connect to WiFi,

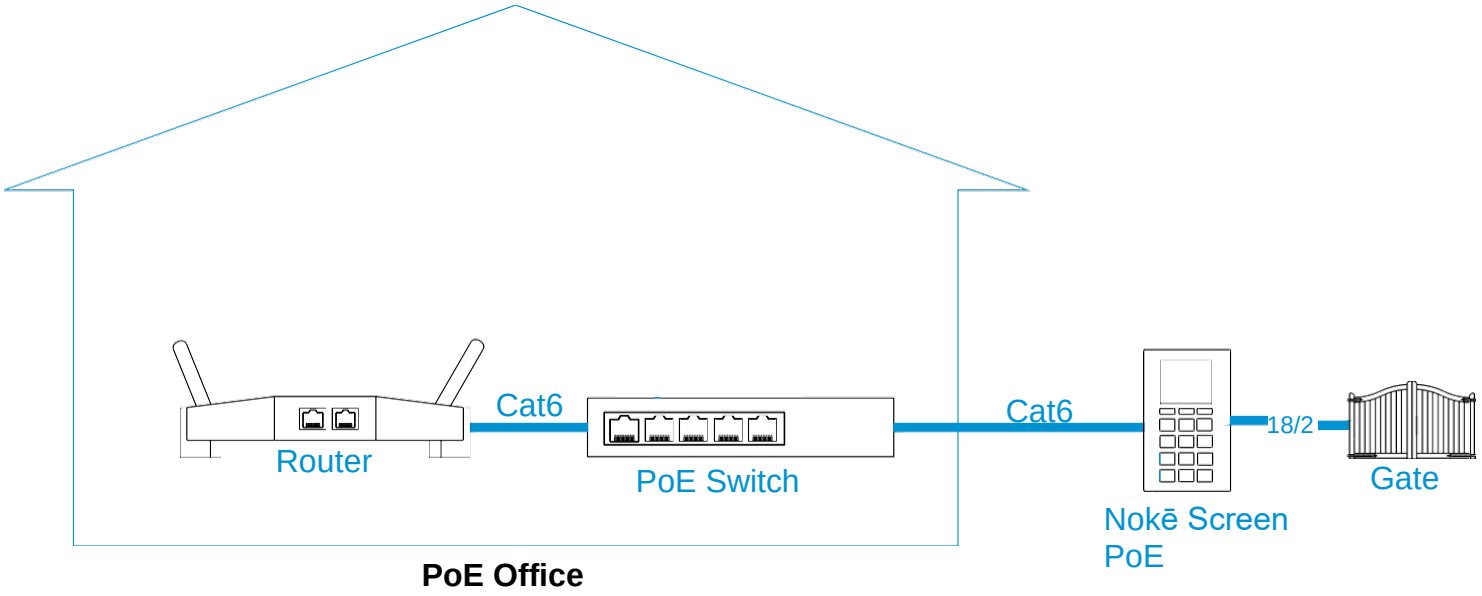
1. From the Nokē Smart Entry Web Portal, select **Settings > WiFi**, and then select the **+** icon in the top-right corner. The **Add WiFi Network** form is displayed.



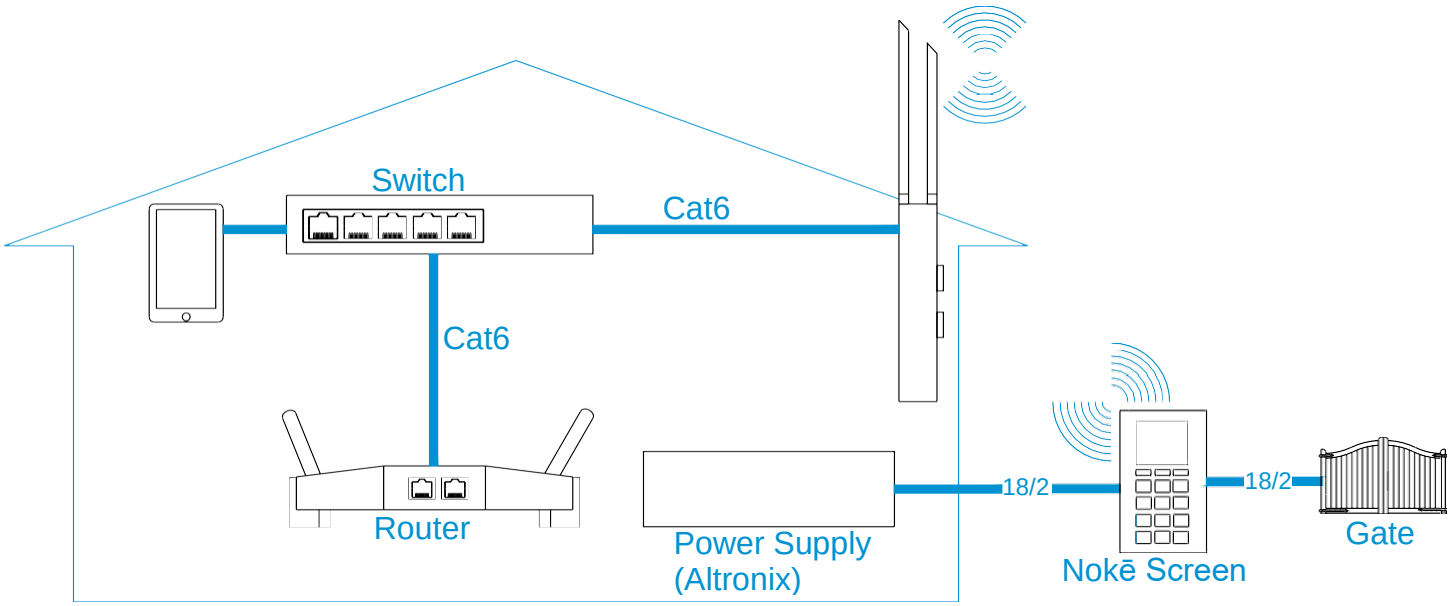
2. Add your device's **Network SSID** and **Network Passphrase** into the form, and then select **Add WiFi Network**.
3. Add the new Nokē Screen keypad to the site in your mobile app.
4. Connect the Nokē Screen keypad to your ethernet. After it boots up, you can get the WiFi settings from the server.
5. Power down the Nokē Screen keypad and disconnect it from the ethernet.
6. Power the Nokē Screen keypad back up, and now it will attempt to connect to the WiFi using the WiFi settings you saved in the Nokē Smart Entry Web Portal.

DIAGRAMS

Providing Power and Data



PoE Office



Non-PoE Office

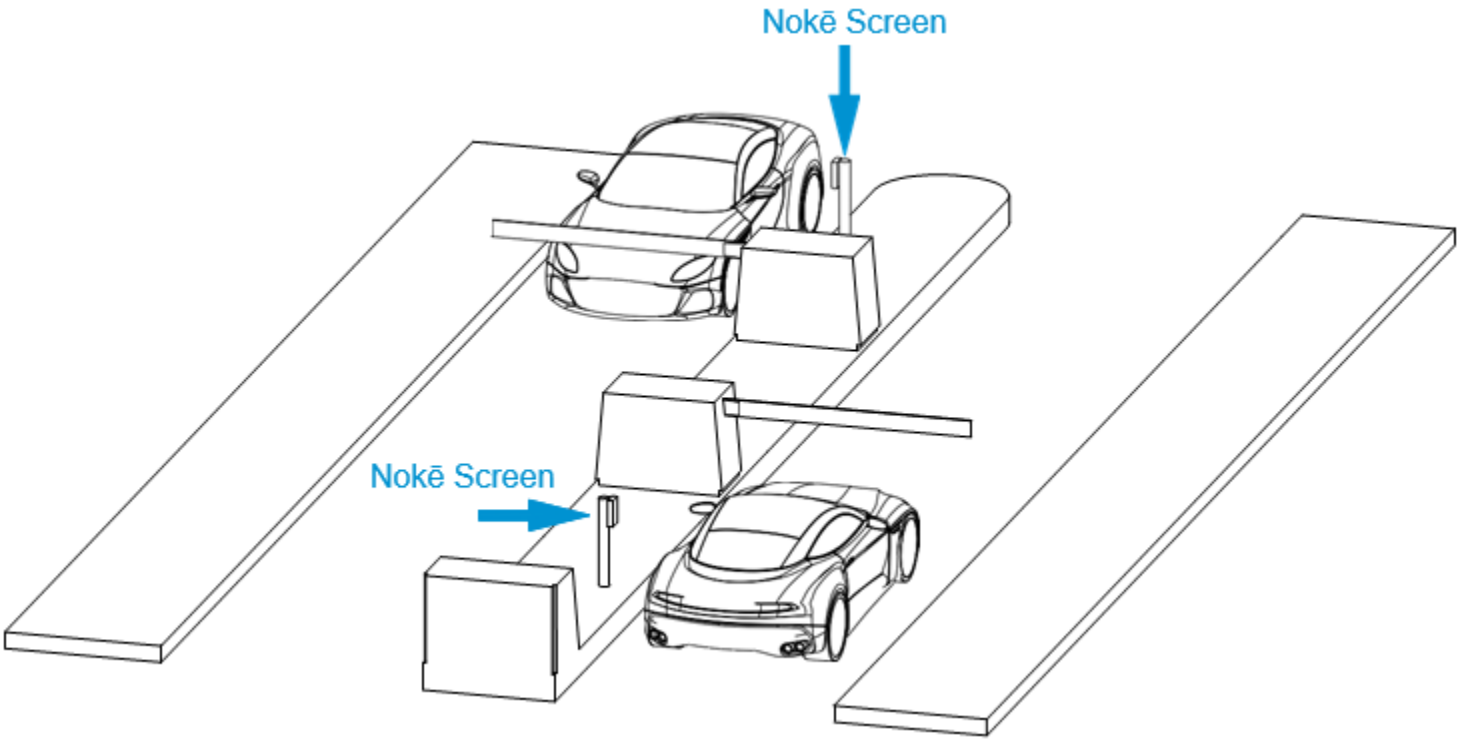
MOUNTING

Considerations

Before installing a Nokē Screen, consider how it will be used. For example, if the Nokē Screen is for cars at a gate, you should ensure the keypad can be reached from the driver side window.

For Nokē Screens that will be operated by those walking up to a facility, the Nokē Screen should be mounted so pedestrians (and those with disabilities) can reach the keypad with ease. The mounting height of the Nokē Screen should be in accordance with regulations (such as the Americans with Disabilities Act, which is 48”). Install Nokē Screens in appropriate locations within vehicular access points such as parking garages, gate entries, etc.

For vehicular access, the Nokē Screen should be within the reach of a user at the driver side window. Many facilities will have a goose-neck pedestal on the left side of the driveway when using gates. Some will have an island between driveways with the goose-neck pedestal mounted on the island so the Nokē Screen will be accessible to a user at the driver side window (see below).

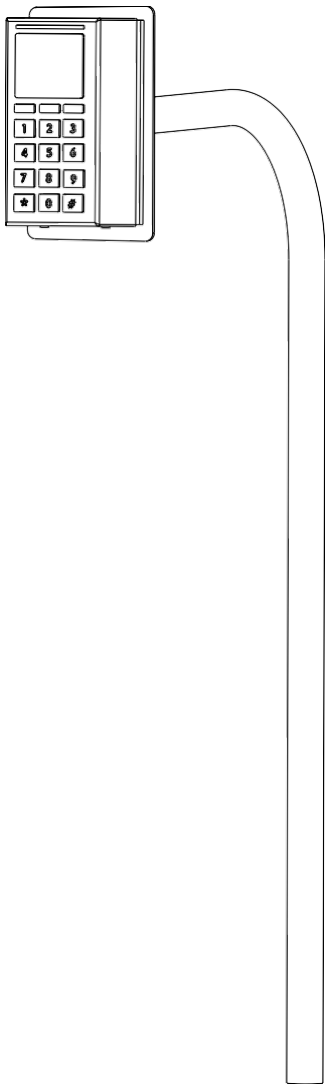


MOUNTING

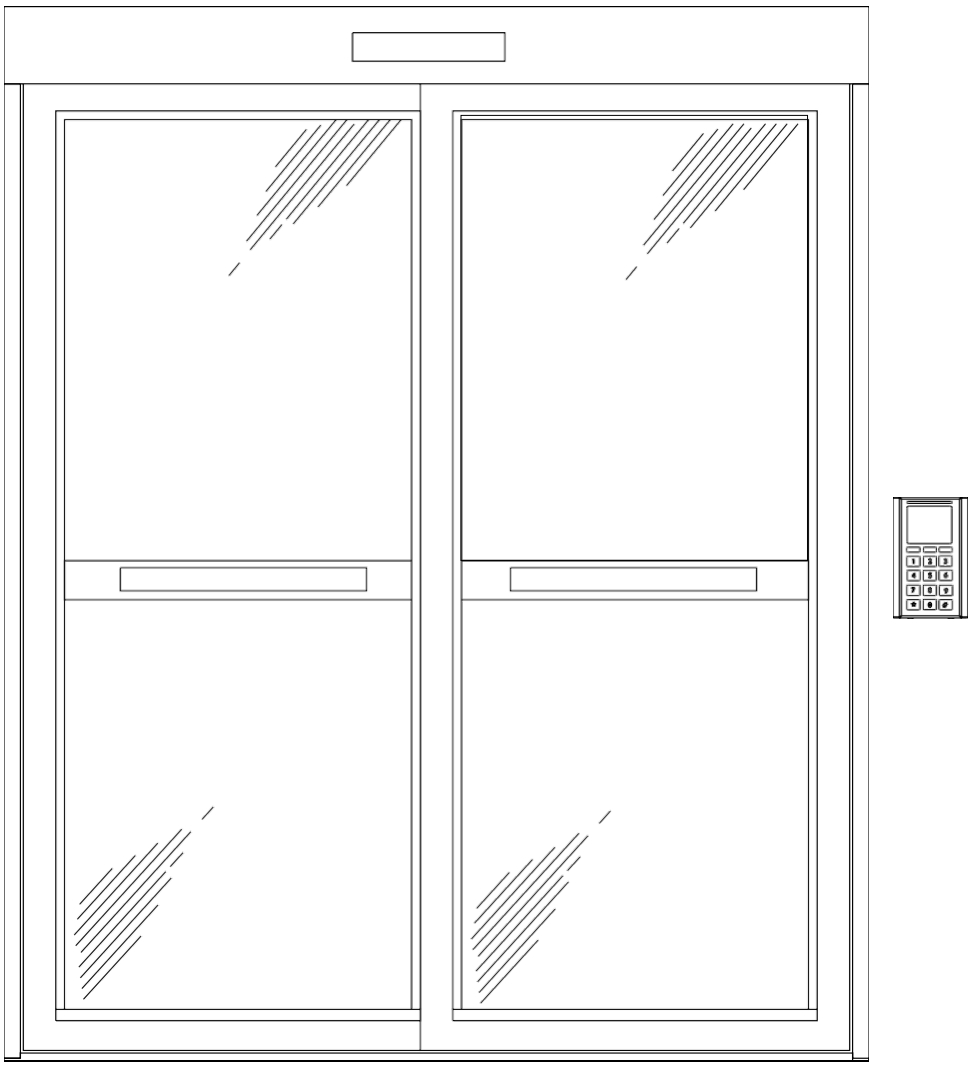
Options

For walk up access, the Nokē Screen is weather resistant and can be mounted on external walls or on a goose-neck pedestal (see below).

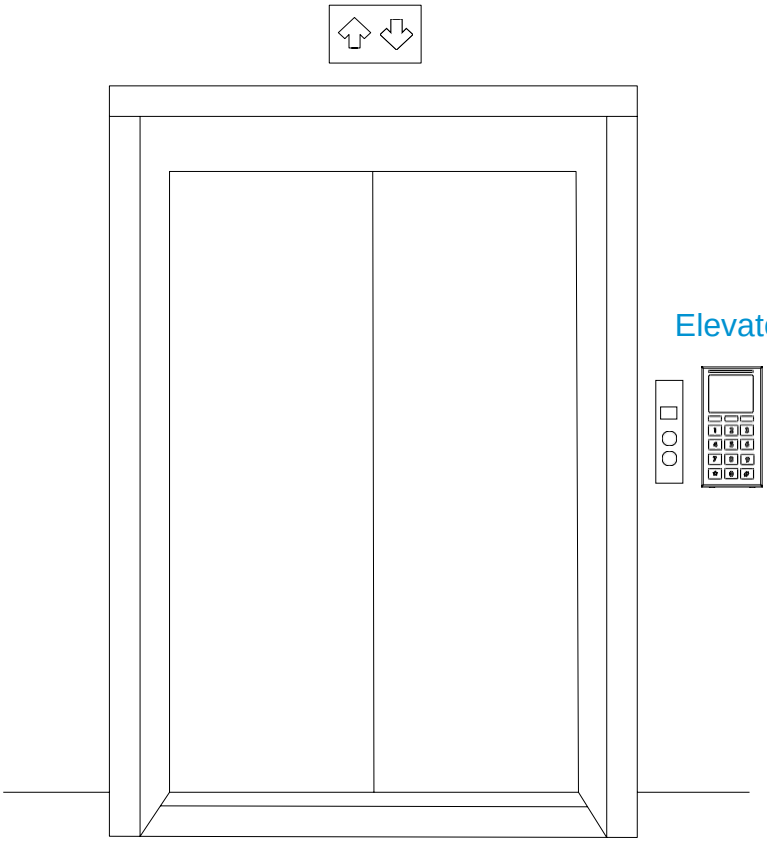
Pedestal Mounted



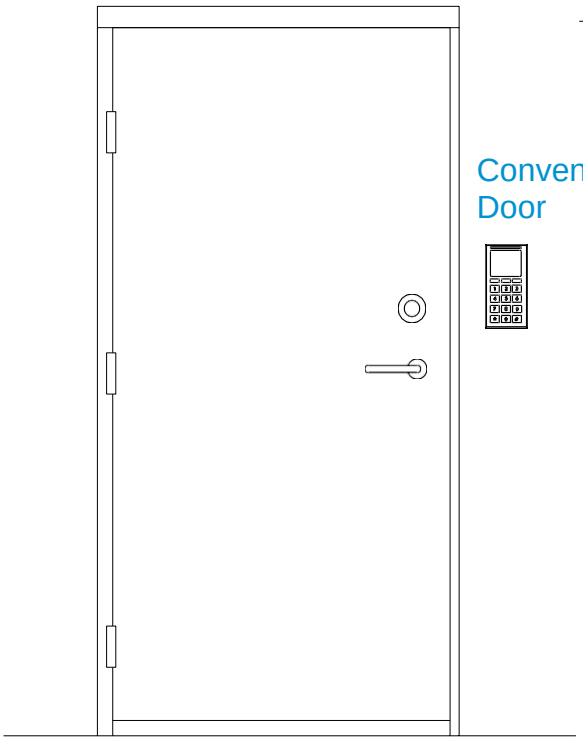
Automatic Sliding Door



MOUNTING



Elevator



Conventional Door

Maintenance

Inspect the Nokē Screen for tampering or damage at the end of the installation. Should the device be damaged, or the screen cracked, immediately take it out of service. Only wipe the Nokē Screen with a clean dry cloth, as needed. Never use liquids or harsh chemicals.

Disclaimer

Always operate the Nokē Screen in a safe manner and in full compliance with this manual and any applicable laws related thereto. No warranties express or implied are contained herein. Nokē or Janus International is not liable for any injuries or damages to any operators, property, or bystanders incurred as a result of using the Nokē Screen by its customers.

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Contact Us

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Nokē Smart Entry Support:

Email: smartentrysupport@janusintl.com

Website: www.janusintl.com/products/noke

FCC Statement

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

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

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 20cm between the radiator & your body.