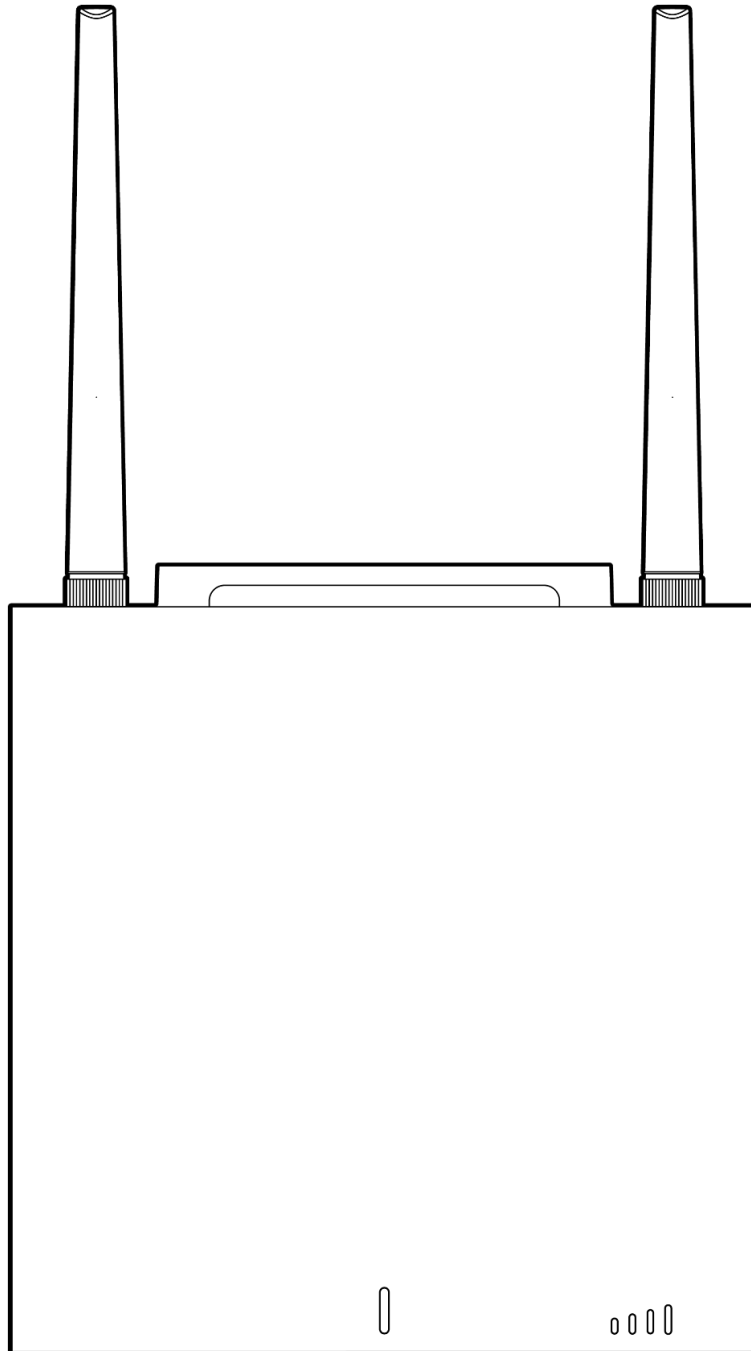Install Guide

G**C31** Indoor Cellular Gateway

Document

Document Details

V1.2 (20240312)

(V1.0 first published 20240202)

Firmware

Firmware version can be verified on
Verkada Command command.verkada.com.

Introduction

What's in the box

Indoor Gateway
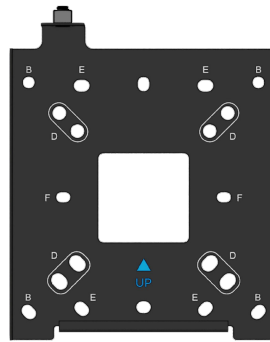
Mount plate

SMA Antennas (2 pcs)

Wall anchors (4 pcs)

RJ45 Port Cover

Verkada SIM Card
Placed in Device

M4 x 25mm PH2 wall screws (4 pcs)
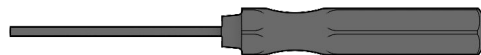
T10 Security Torx screwdriver

DC Power Supply
includes Power Supply Cord

What you'll need

- A smartphone or laptop
- 1/4 inch (6.5mm) drill bit for wall anchors (if using mount plate)
- 1/8 inch (3mm) drill bit for pilot holes (if using mount plate)
- A Cat5 or Cat6 Ethernet cable with a 0.2-0.25 inch diameter (5-6.5mm)
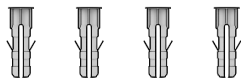
Placement

Place the gateway on a desk, or use the included mount plate to hang on a wall or ceiling.

Adjust antenna position as needed to find best signal strength.

Connect

For easy registration and setup, scan the QR code on the product.

If you prefer to manually register your product, please proceed to: verkada.com/start

Overview

SMA Connector (Male) Power PoE Out 2 SIM Card Slots 1 & 2 SMA Connector (Male)

PoE Out 1 Kensington Lock
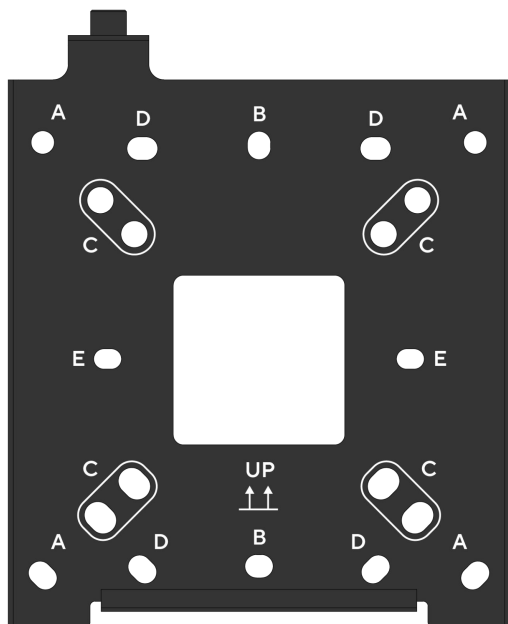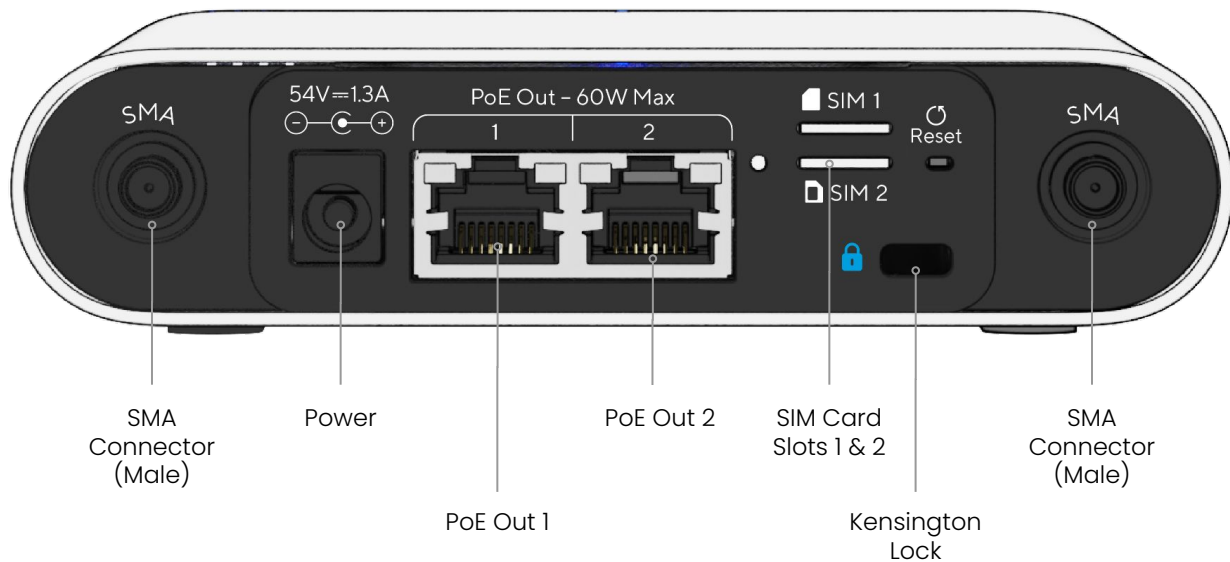
Mount plate details

A Wall/Ceiling/Square Junction Box
(4 inches / 101.6 mm)
B Single Gang Junction Box
C Round Junction Box
(4 inches / 101.6 mm) and (3½ inches / 88.9 mm)
D Double Gang Junction Box
E European Junction Box

LED Behaviors

Status LED

● **Solid Orange**
Gateway is on and booting up.

☀ **Flashing Orange**
Gateway is updating firmware.

● **Solid Blue**
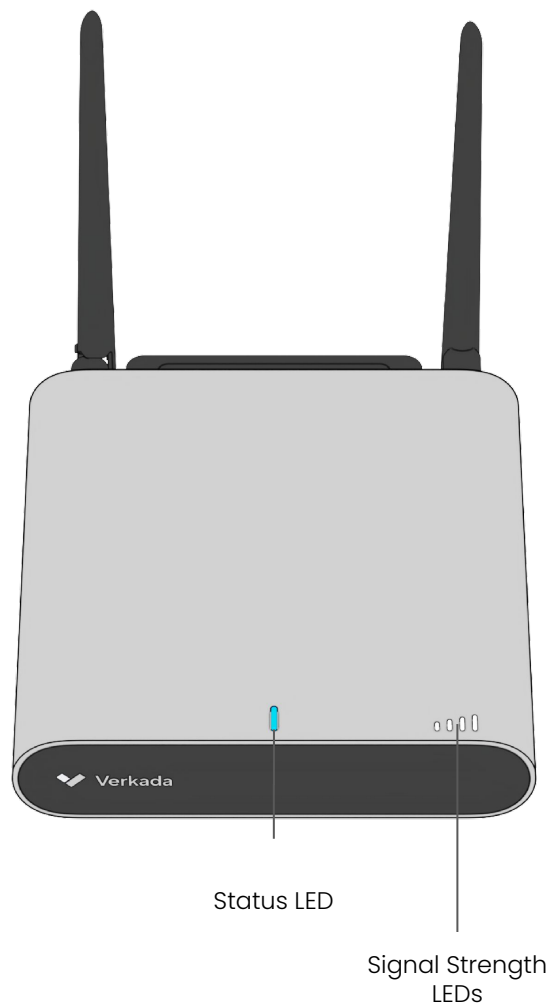Gateway is running and online.
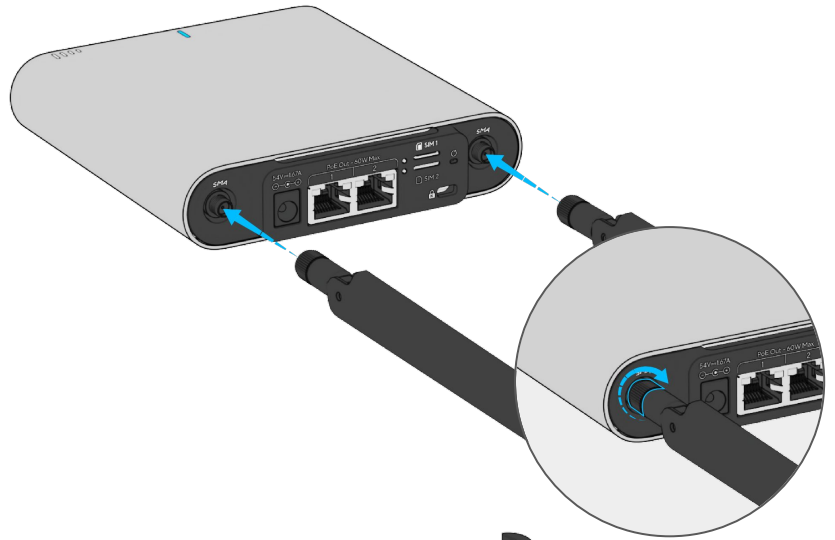
☀ **Flash Blue**
Gateway is running and offline.

Status LED

Signal Strength
LEDs

SIM Card Operations

○ **Solid White**
SIM Card is detected.

❅ **Flash White**
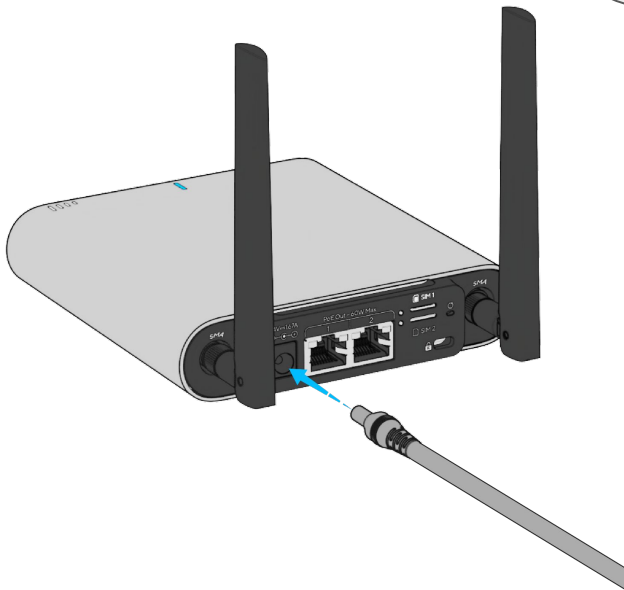SIM Card is detected and running.

SIM Card
Status LEDs

Desktop Installation

Install the SMA antennas by gripping the rotating ring on the base of the antennas and firmly tighten them onto the Gateway SMA connectors.

Connect the power adapter (54V-1.3A) and Ethernet cables, if applicable, to the Gateway.

Please note: PoE maximum combined output is 60W.

Place the Gateway in its intended position.

Adjust the angle of the antennas and take note of the Signal Strength LEDs. When all bars are illuminated you have achieved optimal signal strength.

Wall Mounting (Optional) 1/3

Secure the mount plate to the mounting surface with the included screws and wall anchors, if necessary.

Align the hook of the mount plate and the slot on the Gateway.

Tilt the top of the Gateway towards yourself and insert the hook on the mount plate into the corresponding slot on the Gateway.

Verkada Inc. 405 E 4th Ave, San Mateo, CA 94401
sales@verkada.com

Wall Mounting (Optional) 2/3

Press the top of the Gateway into the mount plate.
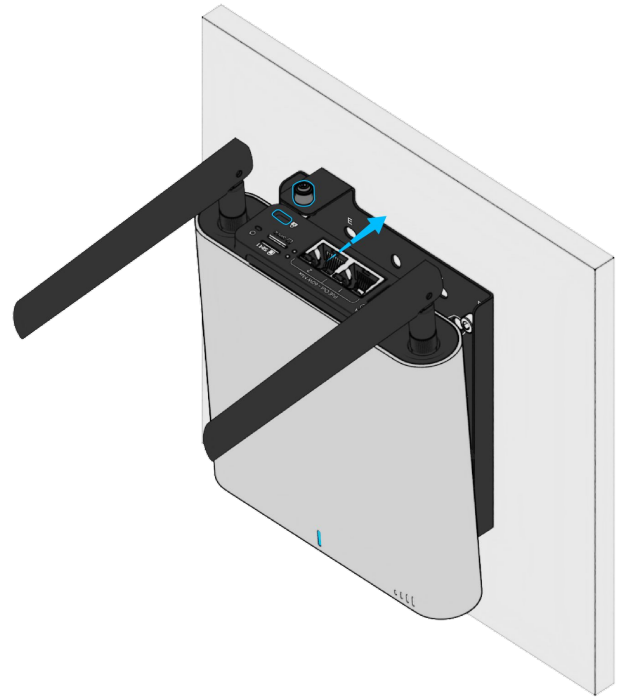
To secure the Gateway to the mount plate, tighten the set screw, using the T10 Security Torx screwdriver.
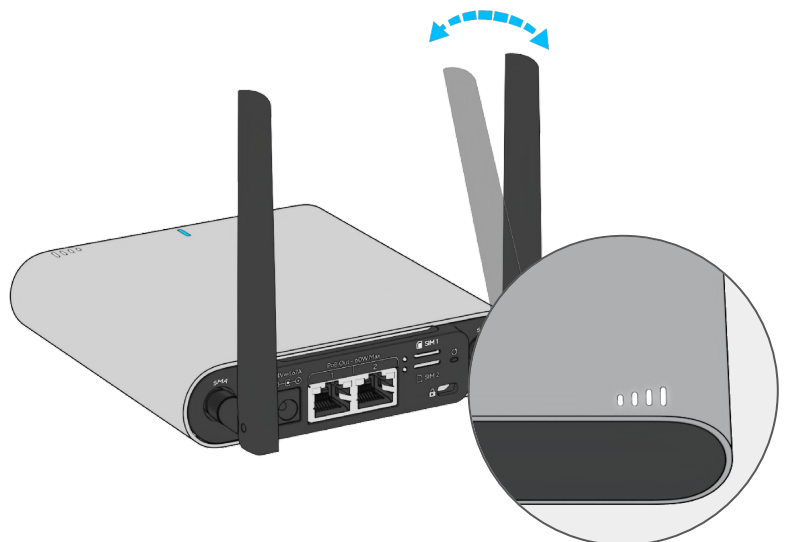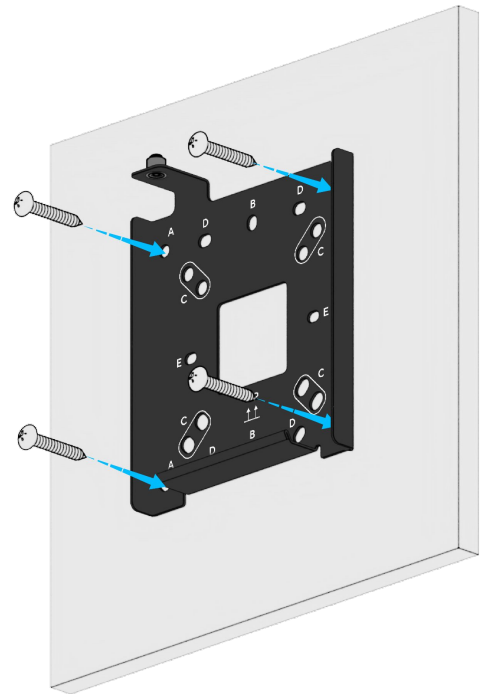
Wall Mounting (Optional) 3/3

Connect the power adapter (54V-1.3A) and Ethernet cables, if applicable, to the Gateway.

Please note: PoE maximum combined output is 60W.

Adjust the angle of the antennas and take note of the Signal Strength LEDs. When all bars are illuminated you have achieved optimal signal strength.
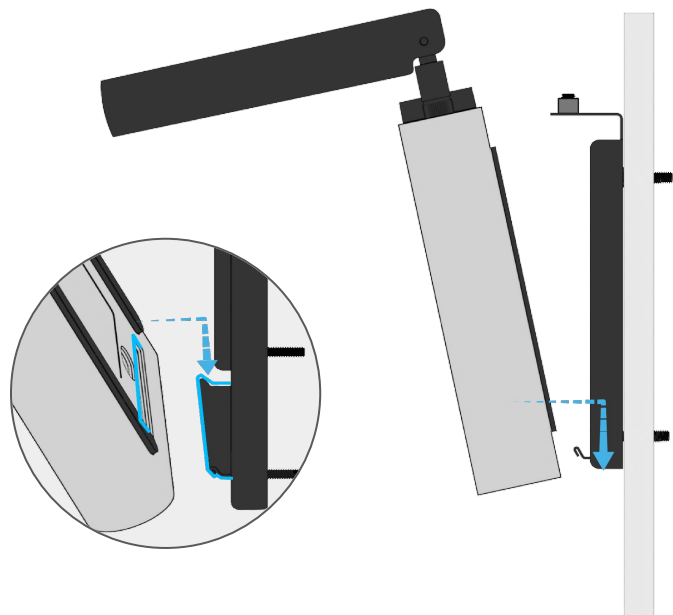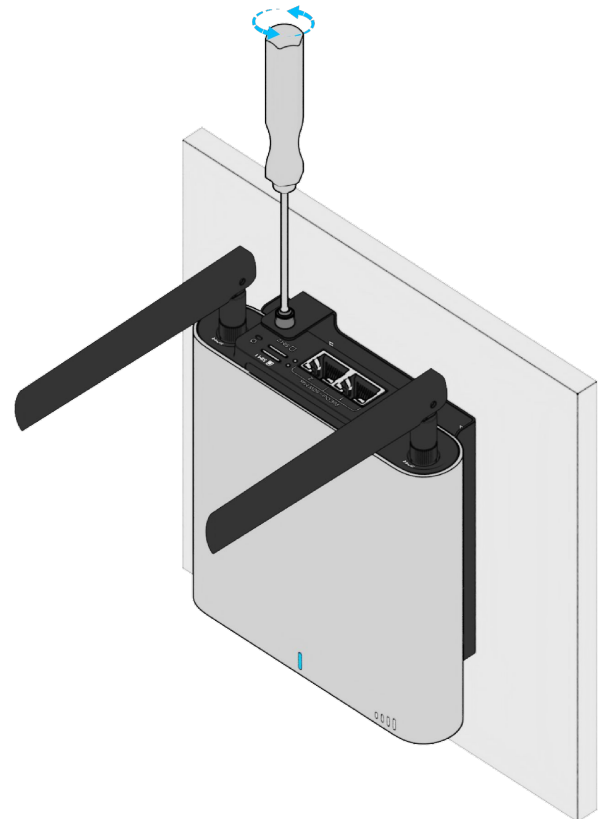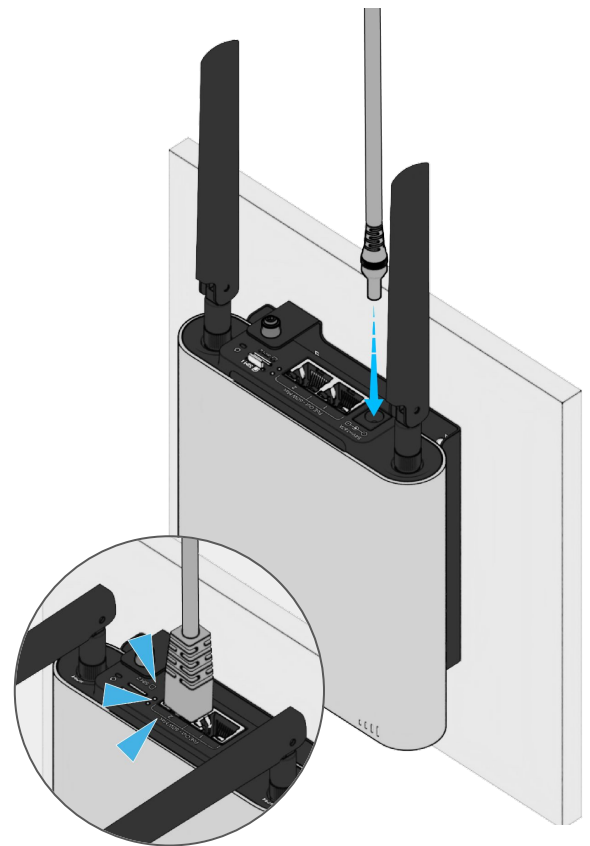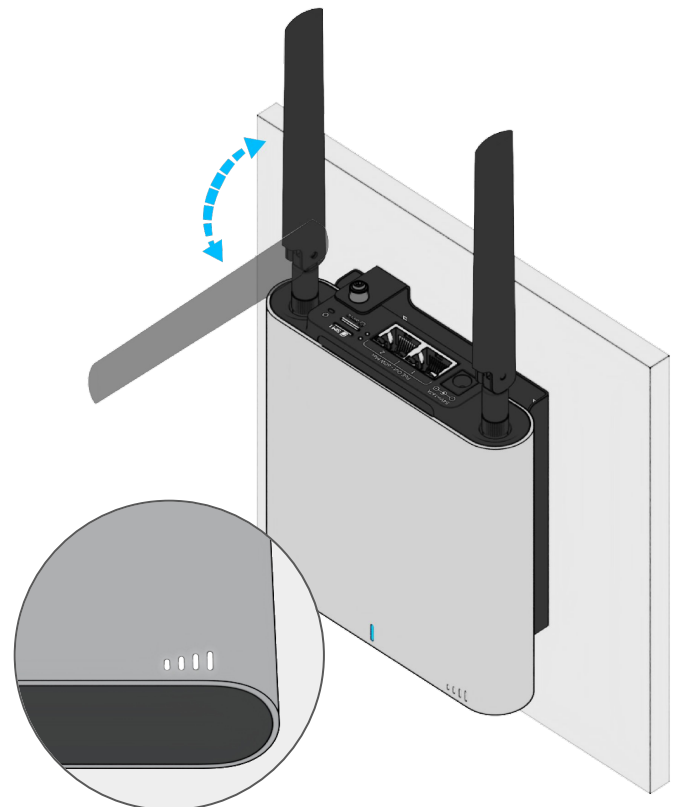
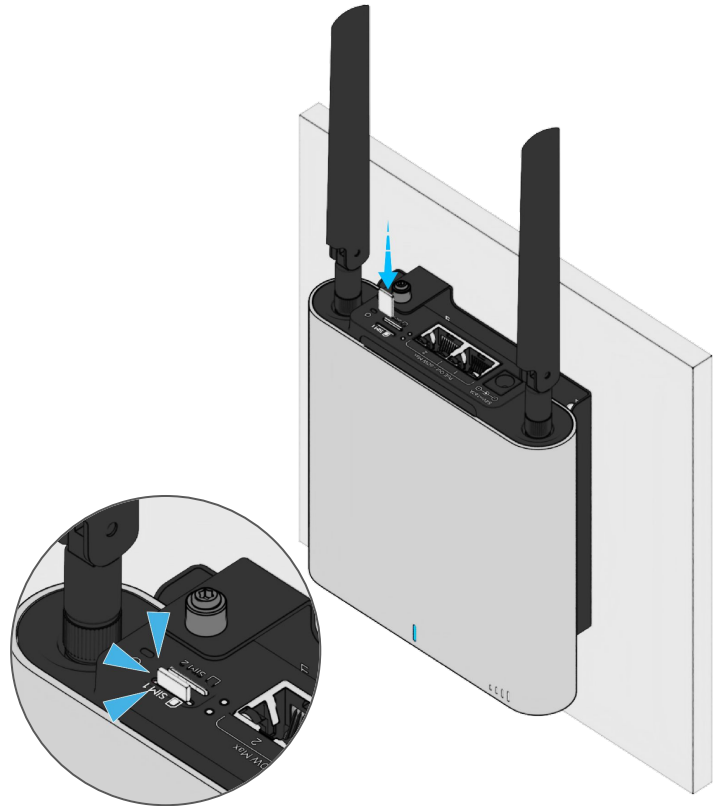# Backup Sim Card (Optional)

Optionally, insert backup SIM card(s) into the SIM card slots. Press firmly until you hear a click.

When inserted properly, the SIM Card LEDs will illuminate.

For detailed LED information, please reference the LED Behaviors page.

Installation

Local Server (Optional)

To configure your SIM card prior to establishing a connection, use the local server.

Connect the Gateway to a computer with an Ethernet cable.

Navigate to *verkadagateway.com* or *192.168.1.1* on any internet browser, and follow the instructions on the page..

Once connected, you can configure the SIM card though **Verkada Command**.

Appendix

GC31 Compliance

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. NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
ISED Compliance	This device complies with ISED's licence-exempt RSSs. 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. Le présent appareil est conforme aux CNR d' ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Appendix

Support

Thank you for purchasing this Verkada product. If for any reason you're experiencing issues or need assistance, please contact our 24/7 Technical Support Team immediately.

Sincerely,
The Verkada Team
verkada.com/support