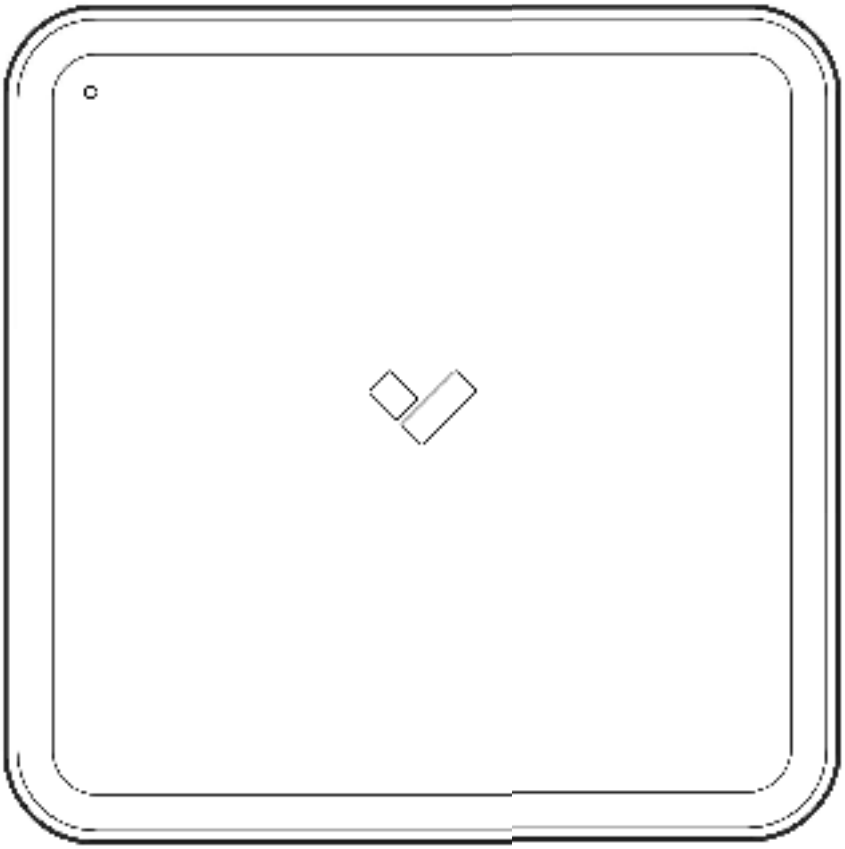
Install Guide

WH32 VLink Wireless Hub



Document

Document Details

Version

V1.0 20240802
(V1.0 published 20240802*)*

Firmware

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

Product Models

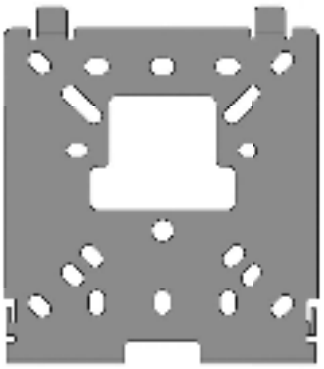
This install guide pertains to model WH32.

Introduction

What's in the box

Top Cover
(Attached to Hub)

VLink Wireless Hub



Mount Plate
(Attached to Hub)

Wall Anchors (4 pcs)
Length: XXmm

Wall Screws (4 pcs)
Length: XXmm **Drive:** XX

T10 Security Torx Screwdriver

What you'll need

- #2 Phillips driver (screwdriver or power drill)
- 7/32 inch (5.5mm) drill bit if using wall anchors

Placement

[EDIT]
Place the product on a wall, etc.

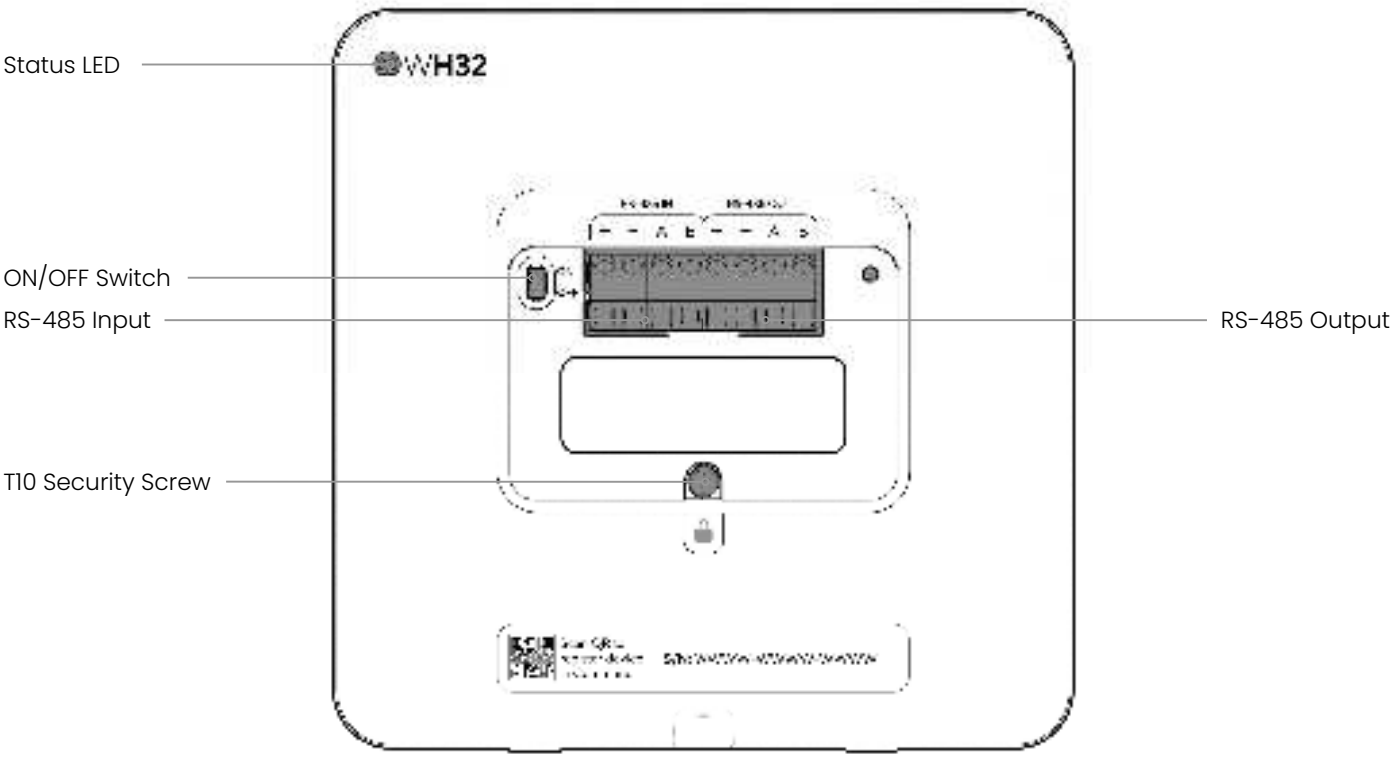
Connect

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

Introduction

Overview



LED Behaviors

- **Solid Orange**
  The Hub is on and booting up.

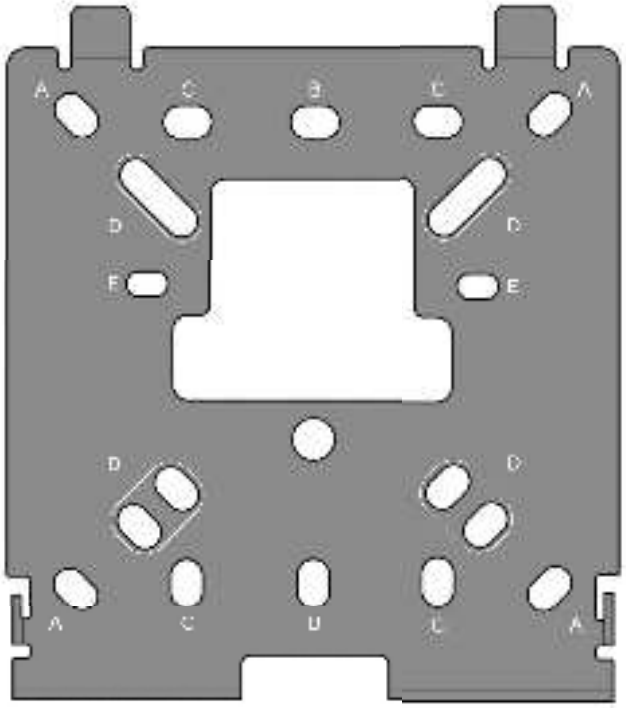
- **Flashing Orange**
  The Hub is updating firmware.

- **Solid Blue**
  The Hub is running and online.

- **Flashing Blue**
  The Hub is running and offline.

Status LED is visible though the Top Cover

Mount Plate Overview



Mount plate details

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

Introduction

Technical Specifications

Power Consumption	0.16W standby, 1.5W maximum. (16mA - 150mA current draw @ 10VDC input)
Input Voltage	10-36 VDC Input
Output Voltage	36V +/- 3% , 700mA max. (Only available with VDC input present)
Battery Life	24-hour battery backup (1200mAh rechargeable Ni-MH battery)
RF connectivity	863-928 MHz with a maximum Tx power of 20 dBm
I/O ports	Two RS485, work independently
LEDs	Status LEDs: RGB + Orange
Operating Temp. & Humidity	0°C-50°C / 32°F-122°, 0-90% RH non-condensing
Dimension	5.53 (in) x 5.53 (in) x 1.34 (in)
Compliance	FCC, CE, AUS, NZ

Installation

Preparation

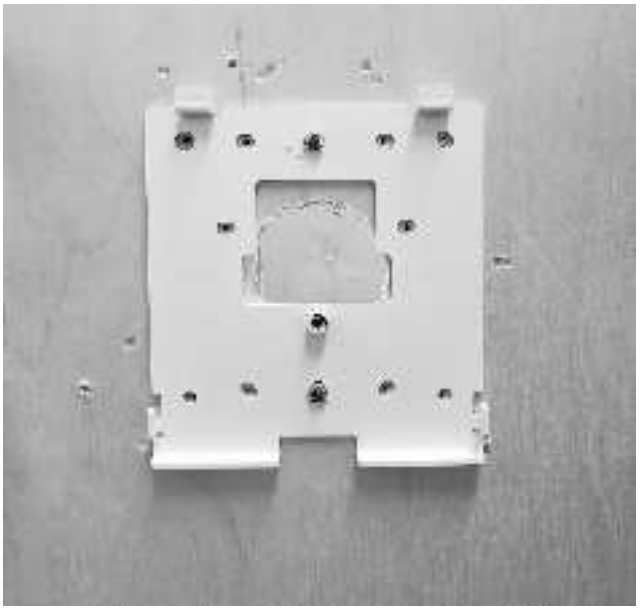
Remove top cover

Remove mount plate

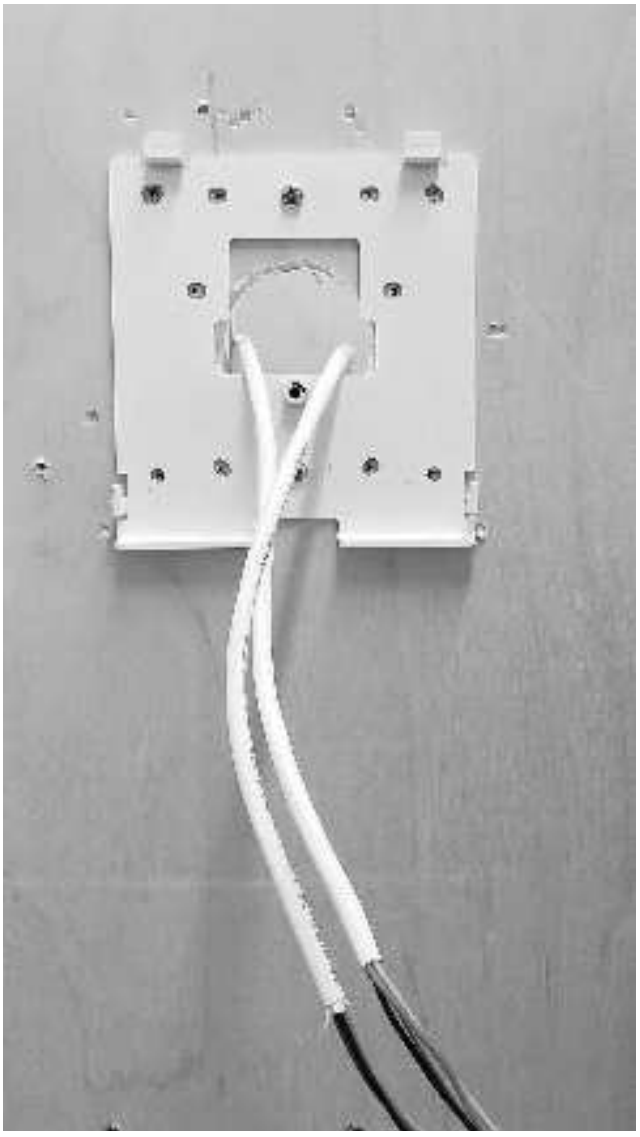
Installation

Mounting

Fasten the Mount Plate using the necessary mounting screw holes. Cut a hole into the wall if planning on routing the cables via the wall.



Route the necessary cabling through the holes in the wall and Mount Plate. Strip the necessary wires.



Installation

Mounting

Pull the cables through the opening in the middle of the device.

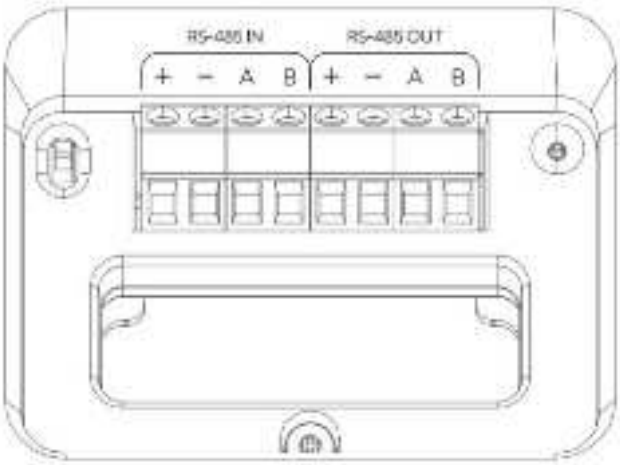
Align the device on top of the Mount Plate and slide down to secure.

Installation

Mounting

Using the T10 security torx driver, fasten down the security screw in the middle of the device

Connect the cable ends to the terminal blocks and push the excess back into the wall



Mounting

Once the terminal block connections are made, turn the switch to the ON position.

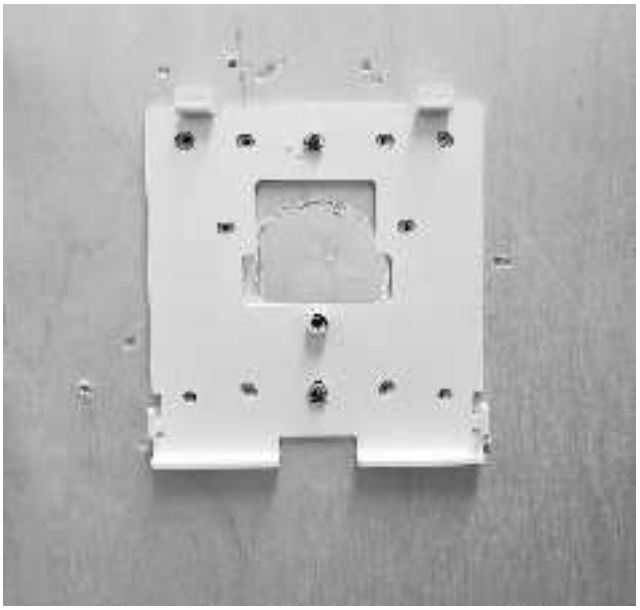
Toe in the Top Cover by hooking over the device.

Fasten the security screw on the bottom of the device

Installation

Mounting

Fasten the Mount Plate using the necessary mounting screw holes. Cut a hole into the wall if planning on routing the cables via the wall.



Align the device on top of the Mount Plate and slide down to secure.

Mounting

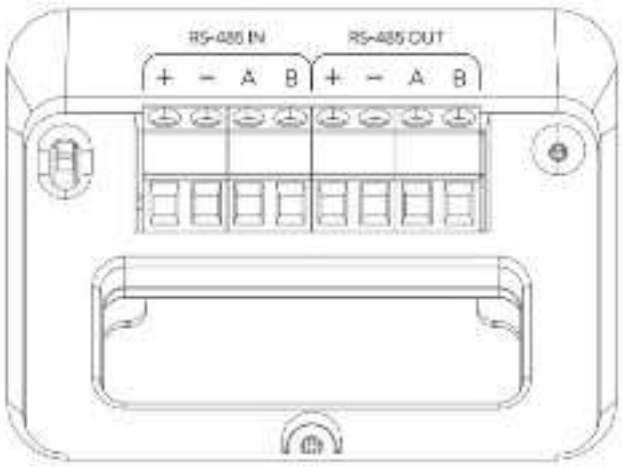
Using the T10 security torx driver, fasten down the security screw in the middle of the device

Push the cables through the top opening on the device and pull the ends through the middle cutout

Installation

Mounting

Connect the cable ends to the terminal blocks and pull the excess from the top



Remove the small plastic door on the top of the cover.

Installation

Mounting

Once the terminal block connections are made, turn the switch to the ON position.

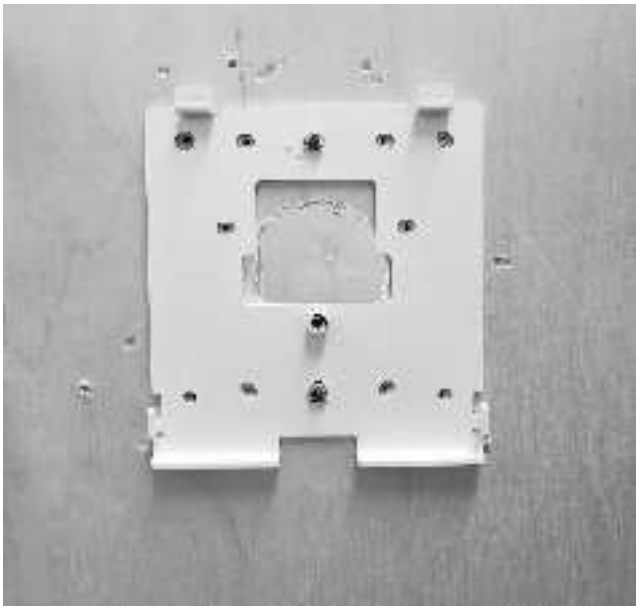
Toe in the Top Cover by hooking over the device.

Fasten the security screw on the bottom of the device

Installation

Mounting

Fasten the Mount Plate using the necessary mounting screw holes. Cut a hole into the wall if planning on routing the cables via the wall.



Align the device on top of the Mount Plate and slide down to secure.

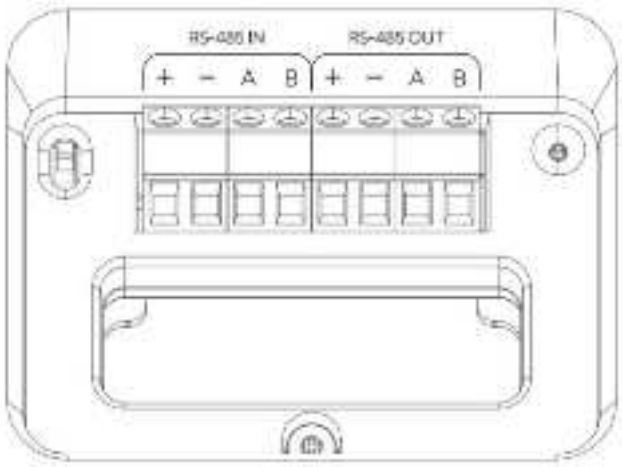
Mounting

Using the T10 security torx driver, fasten down the security screw in the middle of the device

Push the cables through the bottom opening on the device and pull the ends through the middle cutout

Mounting

Connect the cable ends to the terminal blocks and pull the excess from the top



Remove the small plastic door on the bottom of the cover.

Installation

Mounting

Once the terminal block connections are made, turn the switch to the ON position.

Toe in the Top Cover by hooking over the device.

Fasten the security screw on the bottom of the device

Appendix

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. IMPORTANT NOTE : FCC Radiation Exposure Statement : 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.
IC Statement	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. IC Radiation Exposure Statement: 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. 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. Déclaration d'exposition aux rayonnements d'IC : Cet équipement est conforme aux limites d'exposition aux rayonnements IC RSS-102 définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

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.

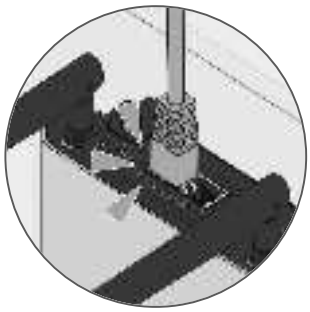
Sincerely,
The Verkada Team
verkada.com/support

[DELETE BEFORE PUBLICATION] Document Assets

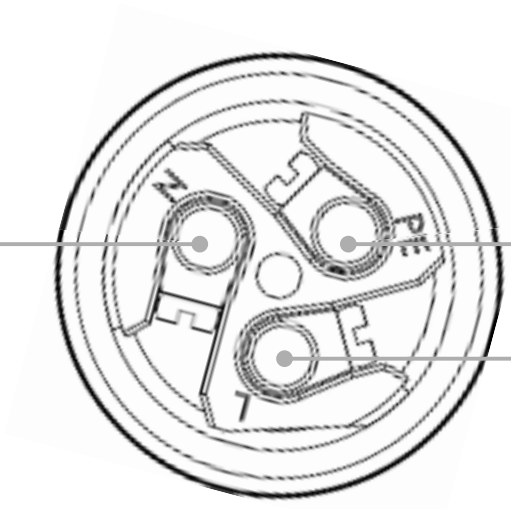
Signal	AWG	Conductor	Shielded	Max Length
Power (22 Gauge)	22	Yes	Yes	600 ft
Power (18 Gauge)	18	Yes	Yes	1500 ft

[EDIT] Warning

Text that customer needs to see



M4 x 25mm PH2 wall screws
(4 pcs)



N - Neutral
Typically a white wire

PE - Ground
Typically a green/yellow wire

L - Line / Hot
Typically a black wire