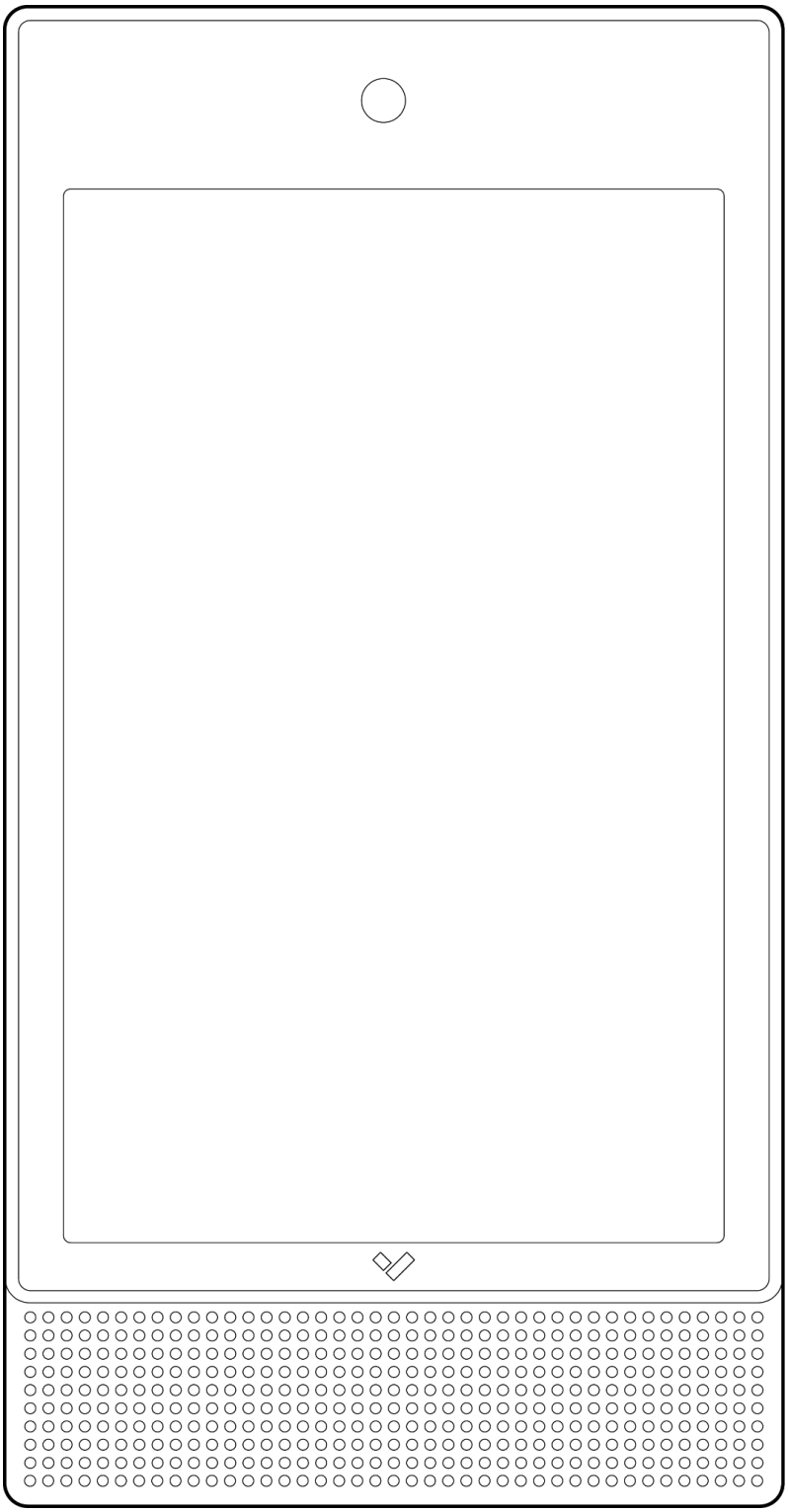
Install Guide

B**C82** Alarm Console



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Document

Document Details

V1.4 (20230829)

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Firmware

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

Product Model

This install guide pertains to model BC82-HW.

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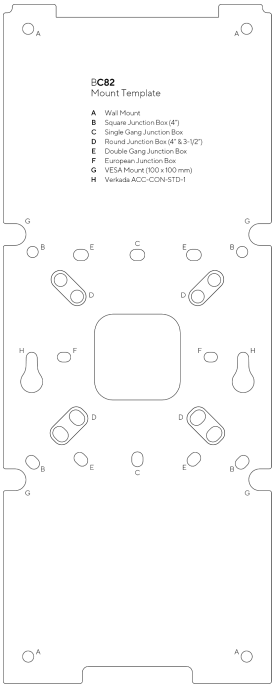
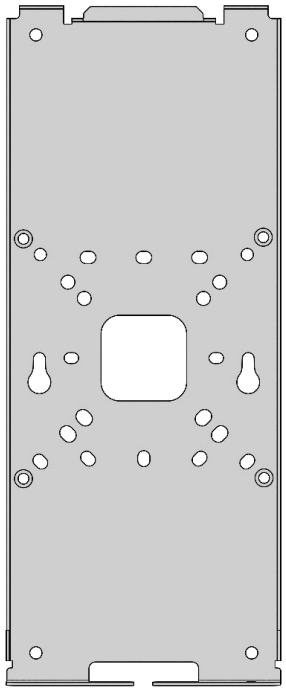
What's in the box

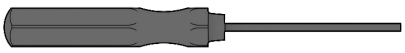
BC82 Alarm Console



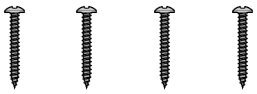
Mount Template
(Attached to Alarm Console)



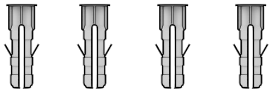
Mount Plate
(Attached to Alarm Console)



T10 Security Torx Screwdriver



4 M4 x 25mm PH2 Wall Screws



4 Wall Anchors

What you'll need

- A working internet connection
- A smartphone or laptop
- A #2 Phillips screwdriver or power drill with a #2 Phillips driver bit
- 3/16 inch (4.76 mm) drill bit for wall anchors
- A shielded Cat5 or Cat6 Ethernet cable

Connect

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

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

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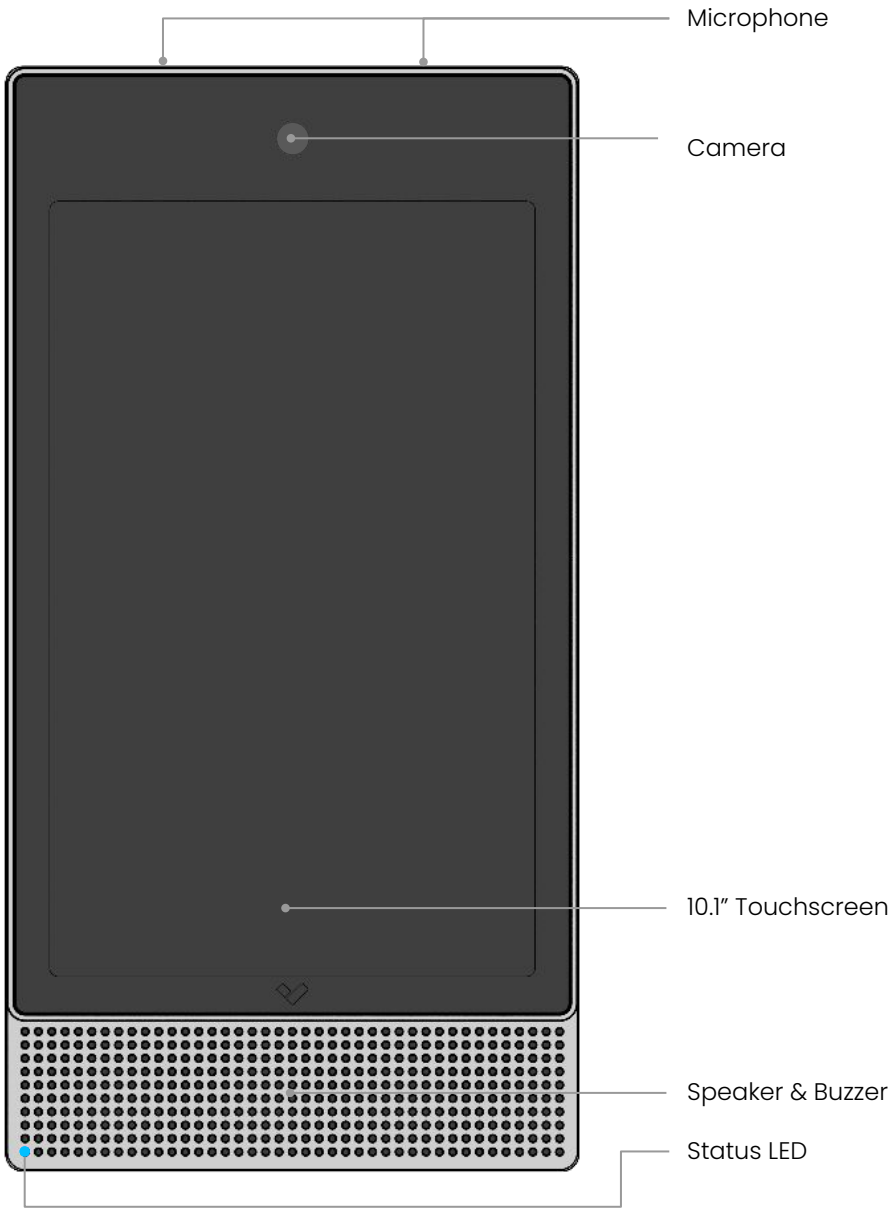
Overview 1/2



LED Behavior

Solid Orange
Console is on and booting up.

Flashing Orange
Console is updating firmware.

Flashing Blue
Console can receive events but cannot reach the server.

Solid Blue
Console is running, connected, and receiving events.

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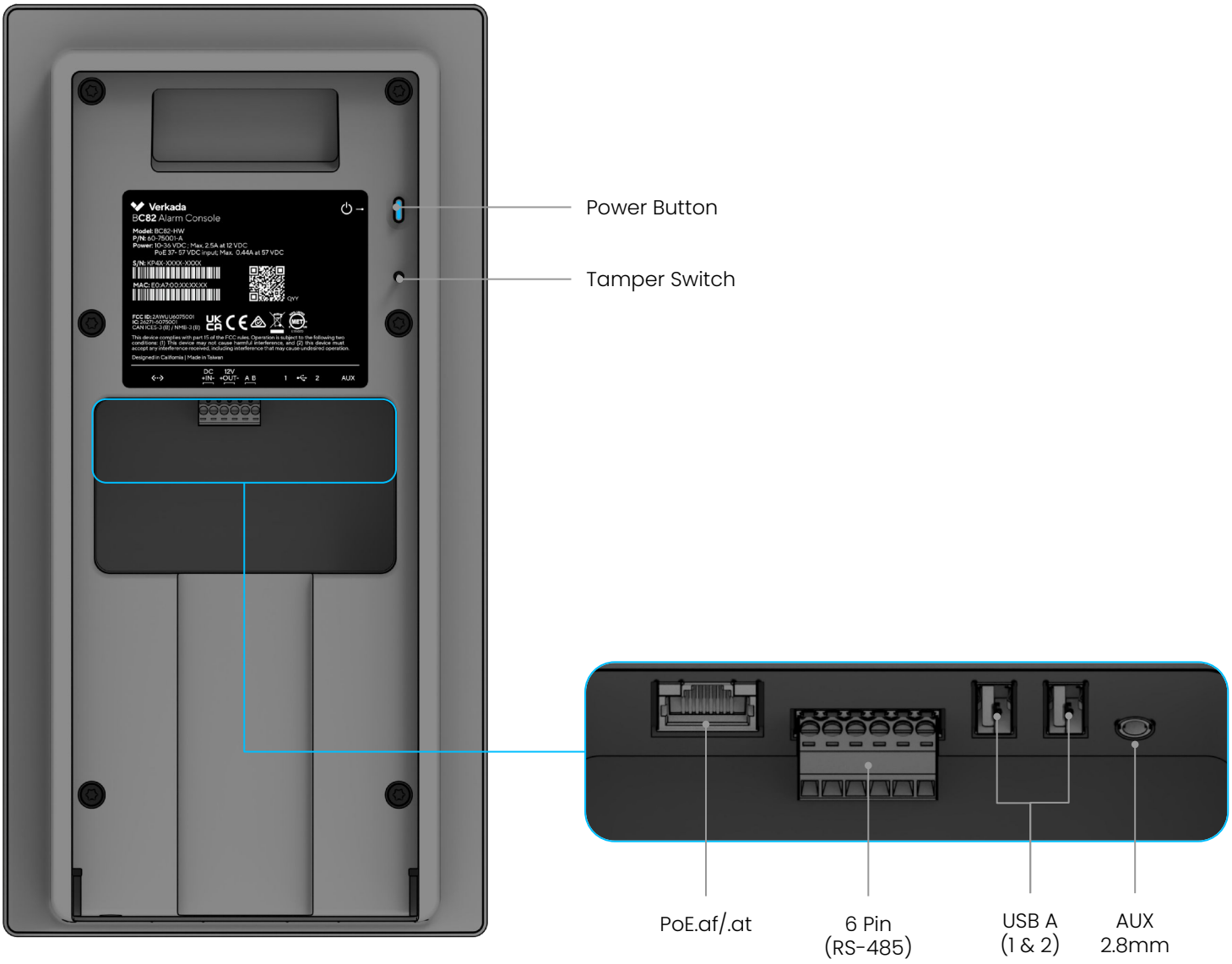
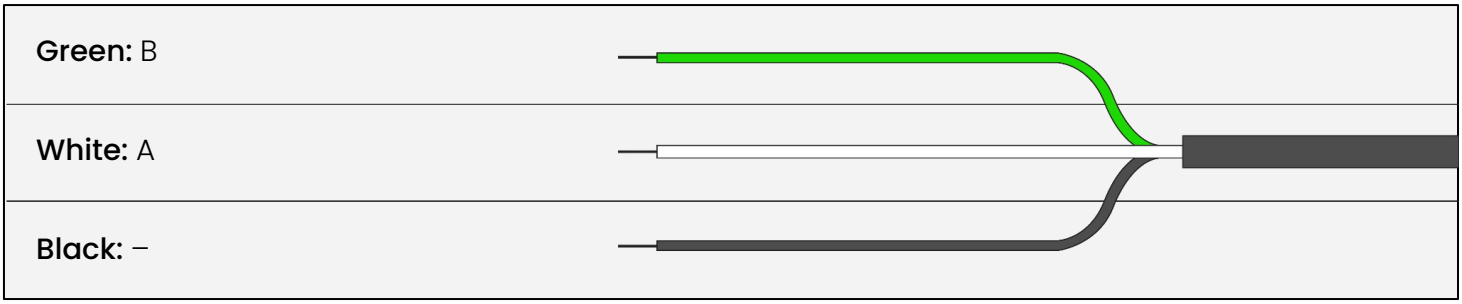
Overview 2/2



Wiring (RS-485)



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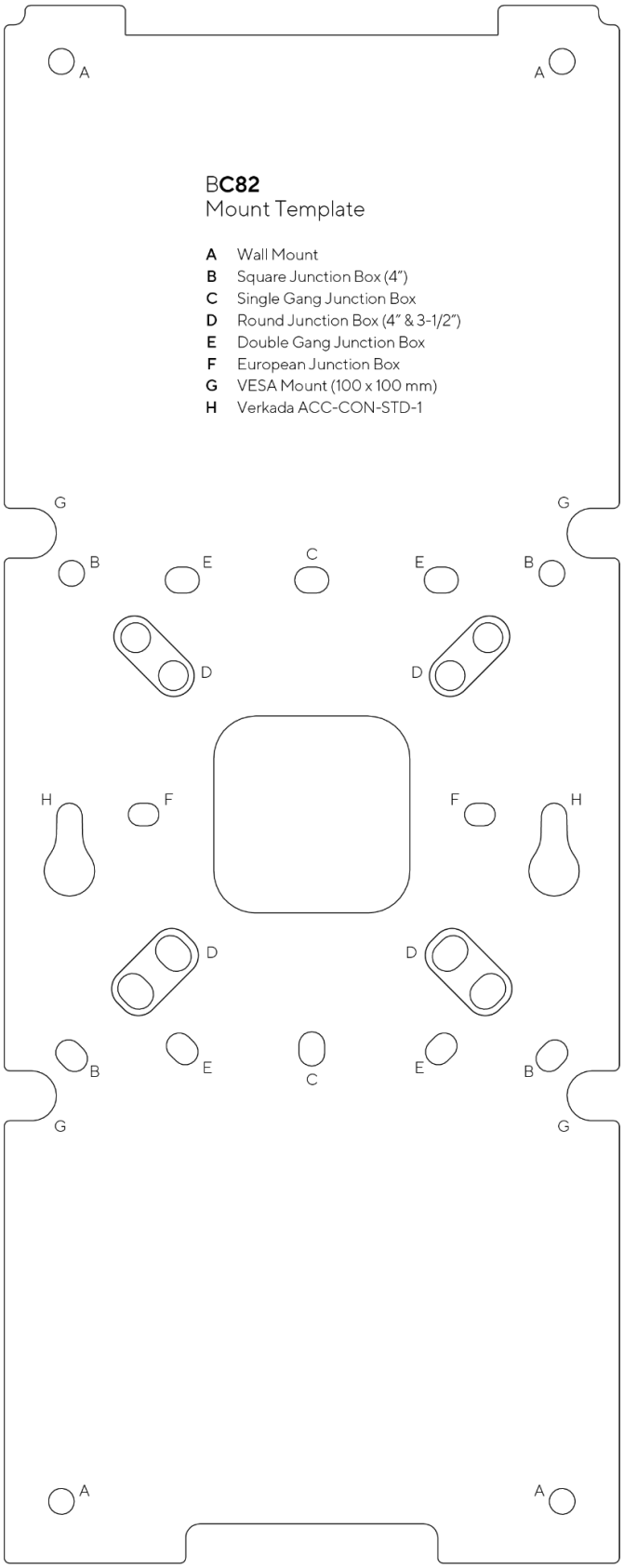
Mount Template

Use the mount template to mark the appropriate hole pattern.

A Wall mount
B Square Junction Box (4”)
C Single Gang Junction Box
D Round Junction Box (4” & 3-½”)
E Double Gang Junction Box
F European Junction Box
G VESA Mount (100x100 mm)
H Verkada ACC-CON-STD-1



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Technical Specifications

Power Consumption	25W
Battery Life	12-hour battery backup (34.4 watt-hour rechargeable lithium-ion battery)
Power Input Parameters	DC 10V-36V VDC input; 2.8A-1.29A PoE+ (802.3at) 42V-57V VDC input; 0.60A-0.44A
Connectivity	Ethernet 10/100Mbps Bluetooth 5.0 Dual Band (2.4GHz/5GHz) WiFi, 802.11 ac/abgn Sub-GHz transceiver (863MHz - 928MHz) 2x USB 2.0, 1x RS485
Display	10.1" LED-backlit multi-touch, 1960 x 1200 resolution
Processor	Quad-core ARM Cortex-A53 64-bit processor
Camera	8MP Camera, 1080p HD video
Audio	Mono speaker (90 dB at 1 meter) Buzzer (90 dB at 3 meters) 3.5mm jack for external self-powered speakers Dual microphones
Dimensions	Tablet: Height: 309.9mm / 12.2 in; Width: 161.3mm / 6.4 in; Depth: 40.3mm / 1.6 in Mount: Length: 281.9mm / 11.1 in; Width: 113.9mm / 4.5 in; Height: 17.5mm / 0.7 in
Operating Temperature	0°C to 40°C / 32°F to 104°F, 5-90% humidity
Weight	Tablet: 1,240 grams / 2.7 lbs Mount: 400 grams / 0.9 lbs
Included Accessories	T10 screwdriver, x4 wall screws, x4 drywall anchors
Mounting Options	Wall Mount Bracket

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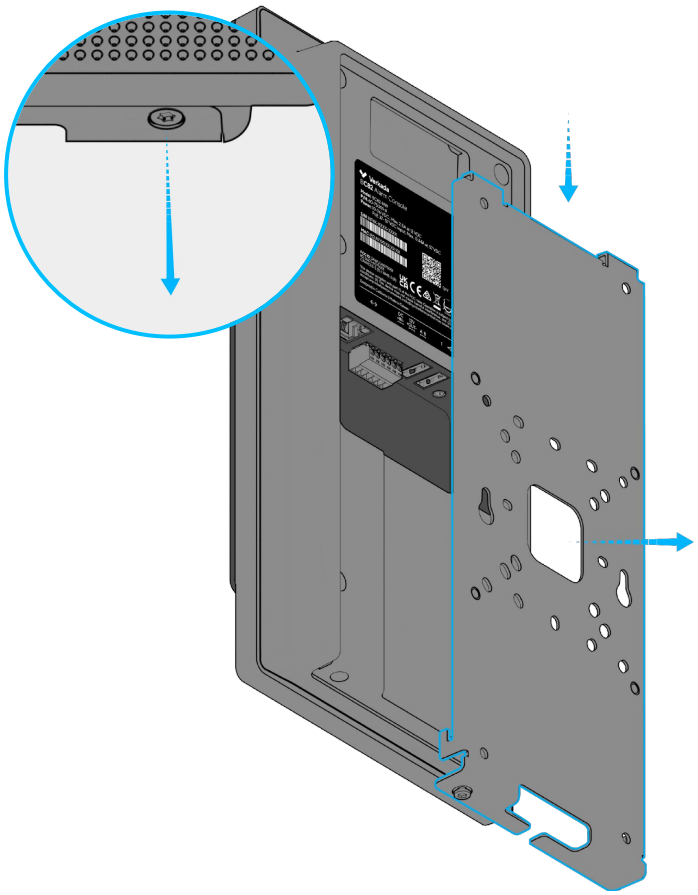
Connect and register

Use the provided T10 Security Torx screwdriver to loosen the security screw.

Slide the mount plate downwards to remove it.



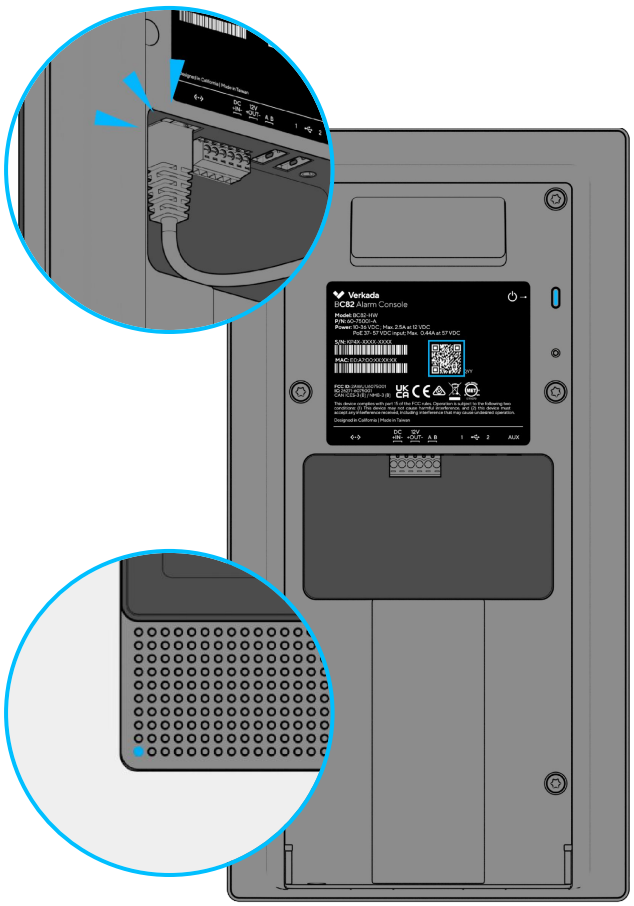
Connect the Ethernet cable to the PoE connector on the back of the Console.

Press the power button once and wait for the Status LED and screen to turn on.

Please note: Bootup sequence may take several seconds.

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

If you prefer to manually register your product, refer to the serial number on screen and proceed to: verkada.com/start



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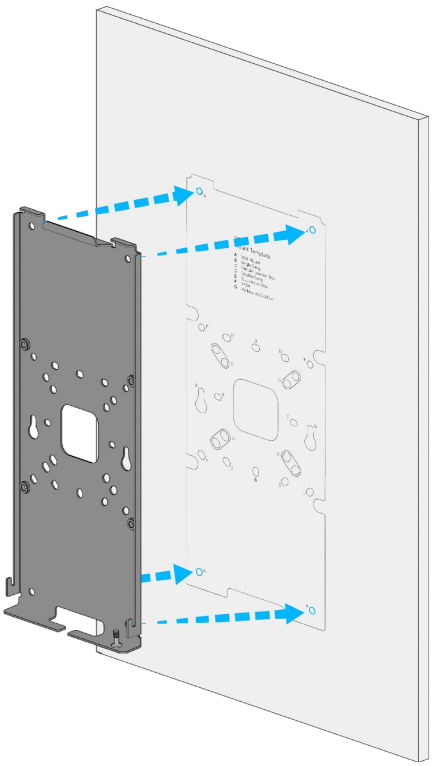
Mounting 1/2

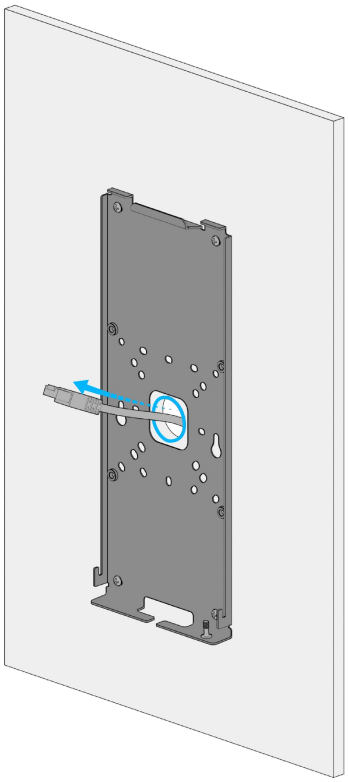
Please note: Avoid mounting the Console in direct sunlight for optimal device performance.

Use the mount template to mark the appropriate hole pattern on the mounting surface.

Use the wall anchors and screws to attach the mount plate onto the desired surface.

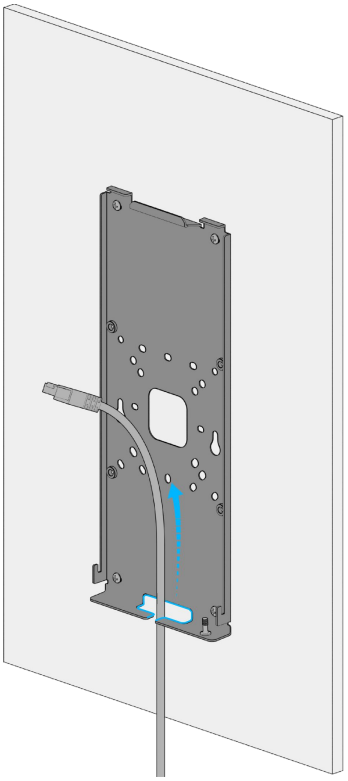


Cables can be routed through the surface, or along the surface.



Option 1

Cable routing through the surface



Option 2

Cable routing along the surface

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Mounting 2/2

Connect the Ethernet cable, and any other cables relevant to your installation, to the Alarm Console.

Press the power button once and wait for the Status LED to turn on.

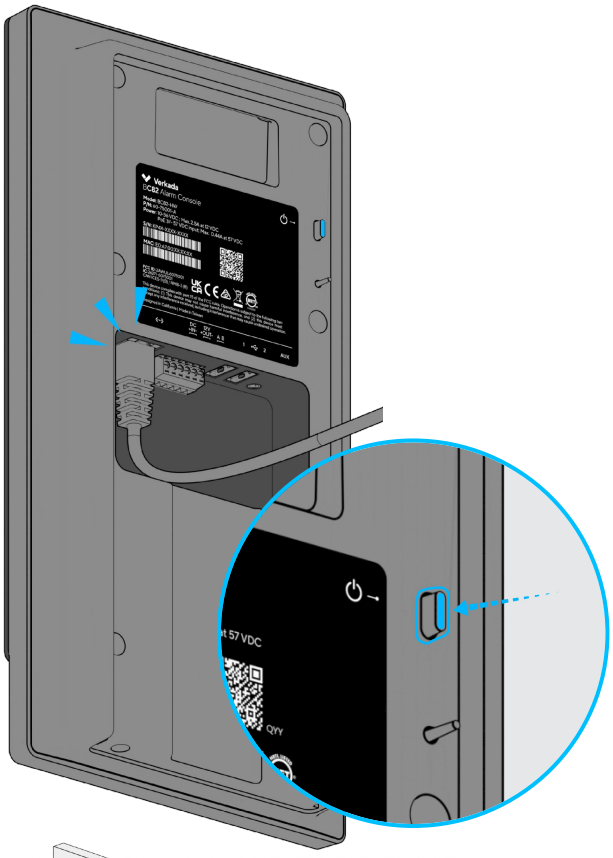
Please note: Bootup sequence may take several seconds.

Caution:

The equipment is intended to be powered by external or IEEE 802.3at PoE+ power supply.

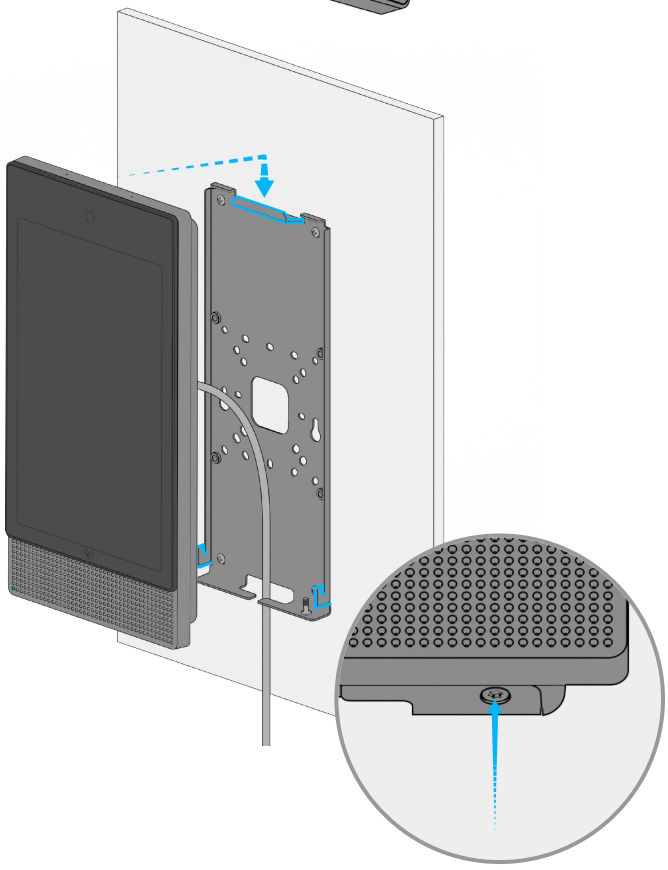
The power supply shall be certified which comply with the requirements of IEC/EN 62368-1 or IEC/EN 60950-1 for a PS2 source or limited power source.

Note: For US and Canada the power supply shall be certified with standard UL 62368-1 or UL 60950-1.



Engage the three hook features on the mount plate and slide the console down.

To secure, tighten the captive security screw, using the provided T10 Security Torx screwdriver.



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Appendix

BC82 Compliance

FCC Statement	**FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT** 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. 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. Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.
IC Statement	**Innovation, Science and Economic Development Canada(ISED) Compliance Statement** This device complies with ISED's 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. IMPORTANT NOTE: 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. Caution: The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems; This equipment supports DFS (Dynamic Frequency Selection) to minimize interference and/or damage caused by the high-power radars that are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5470-5725 MHz. 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. NOTE IMPORTANTE: 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. Avertissement: Le dispositif fonctionnant dans la bande 5150-5250 MHz est réservé uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux; Cet équipement prend en charge DFS (Dynamic Frequency Selection) pour minimiser les interférences et/ou les dommages causés par les radars haute puissance qui sont attribués en tant qu'utilisateurs principaux (c'est-à-dire les utilisateurs prioritaires) des bandes 5250-5350 MHz et 5470-5725 MHz.

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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

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