alula™ RE657 Touchpad Connect+™ Encrypted

RE657 Touchpad is an intuitive interface for controlling the Connect+ security system. It is AC powered and communicates with the panel wirelessly.

Features

- Real time status
- 7-inch color touchscreen
- Wall or table mounted
- Commercial tamper
- 5-year warranty
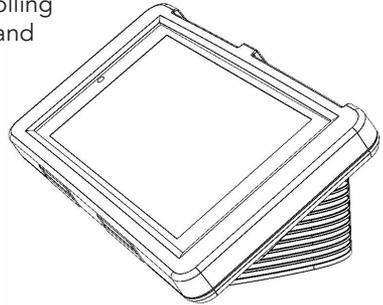
Installation Overview

1. **Confirm the panel has a Wi-Fi™ DeviceLink** card installed.

   ### Installing the Wi-Fi DeviceLink Card

   - Disconnect the panel's AC power and backup battery.
   - Install the Wi-Fi DeviceLink card in **Slot 2** by carefully aligning the nylon retention posts and the 8-pin connector while pushing the card firmly until all posts are fully seated.
   - Reconnect the panel's AC power and backup battery.
   - Verify the Wi-Fi card LEDs are on.

   AC power Input

   Slot 2

   Backup Battery
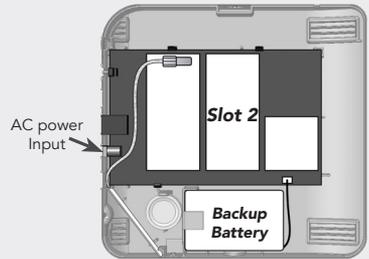
2. **Choose a mounting location** within reach of the 10-foot power cable.

3. **Verify signal strength** at the desired location <u>before</u> mounting it permanently.

   ### Verifying Signal Strength

   1. Make sure the panel is powered and the Wi-Fi DeviceLink card is installed.
   2. Power up the Touchpad using the included adapter.
   3. Verify the Touchpad displays "NOT ENROLLED". If it doesn't, hold the [Factory Default] button for 5 seconds to clear the enrollment memory.
   4. If the signal strength displayed is less than 35, relocate the Touchpad.

   NOT ENROLLED

   Tap on a Panel below to start enrollment

   HelixCDEF - 50

   Restart | Info | Factory Default | Demo
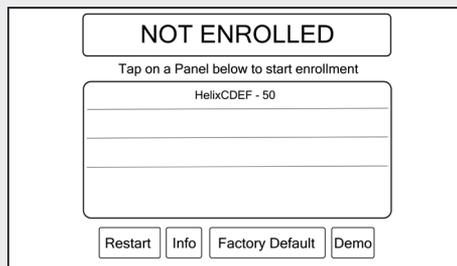
4. **Enroll the Touchpad** by first placing the panel into wireless enrollment mode and then selecting the desired panel on the Touchpad. Note, the Touchpad will list all panels within range, not just the ones in enrollment mode. The panel "names" will include the last 4 digits of the MAC Address printed on the panel.

FCC ID: U5X-RE6100   IC: 8310A-RE6100
Model: RE6100S-CX-Z
FW Vers: 0.1.5.0
MAC: 123456ABCDEF

FCC ID: U5X-RE6100   IC: 8310A-RE6100
Model: RE6100S-CX-Z
MAC: 123456ABCDEF   FW Vers: 0.1.5.0

NOT ENROLLED

Tap on a Panel below to start enrollment

| HelixCDEF - 50 |
| HelixF135 - 46 |
| Helix57A2 - 43 |

| Restart | Info | Factory Default | Demo |
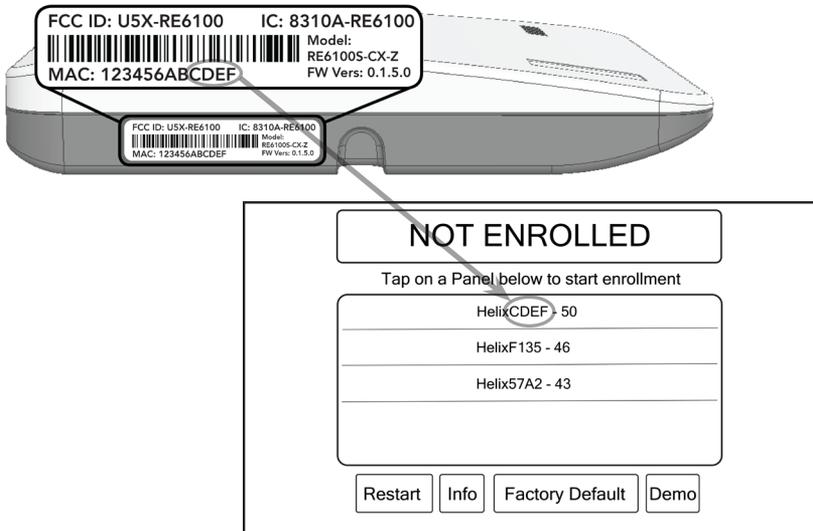
After selecting the desired panel, the Touchpad will progress through stages of discovery and authentication. Upon success it will show the DISARMED screen. If you mistakenly selected the wrong panel, press the [Restart] button.

> **Troubleshooting Steps if Enrollment Fails:**
> - Confirm the panel is in wireless enrollment mode
> - Check whether the panel is already full. The limit is four Touchpads.
> - Tap the [Restart] button to try again

5. **Enroll the tamper sensor (RE657WC/RE657BC commercial units only)** by first placing the panel into wireless enrollment mode and then opening the sensor cover to trip the tamper. Select the sensor that will be used for tamper indication in the Touchpad programming section of the dealer portal.

6. **Finish mounting in the desired location.** For table top mounting, slide the feet into the tracks on the back side of the Touchpad. The fit is intended to be quite snug, so some force may be required for the feet to "click" into place.
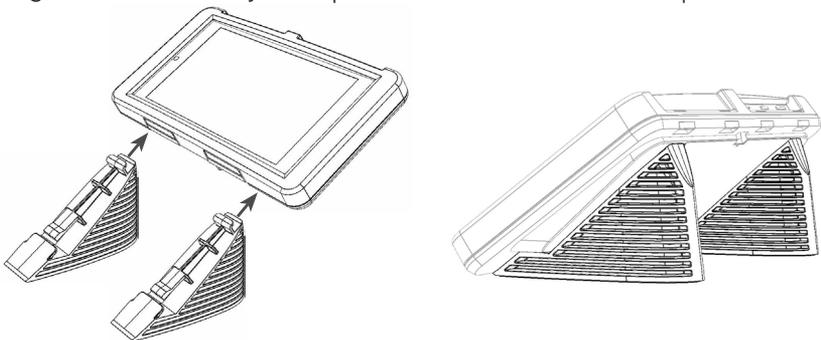
7. **Test the Touchpad** by arming and disarming the panel from the Touchpad.

Wall Mounting Option 1 *(No Disassembly Required)*

1. *Place the below template on the wall* and drill holes through the two black dots.

Template

2 ⅜ Inches

Magnet
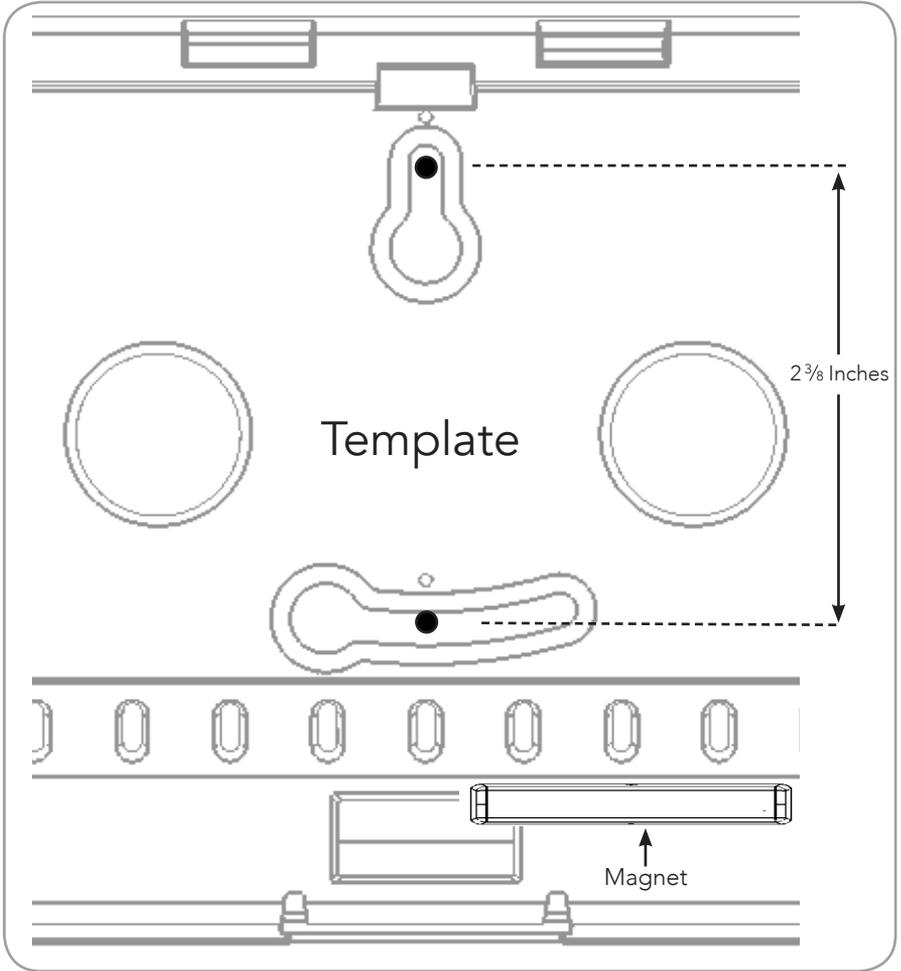
2. *Put the screws in the wall* but leave a gap (roughly 1/8") for the Touchpad plastic.
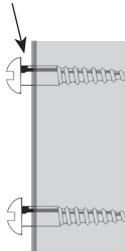
3. *Position the Touchpad* over the top screw head and then tilt the Touchpad to allow the lower screw head to slip through the lower keyhole.

4. *Rotate the Touchpad into place* until level. Ensure the screws are tight enough for a snug fit. Note: The magnet is placed on the wall for "pry off" detection.

Wall Mounting Option 2 (Disassembly Required)

1. **Open the enclosure** by lifting at the two points shown below and rotating upwards towards the top of the screen. The enclosure is hinged at the top and latched at the bottom.
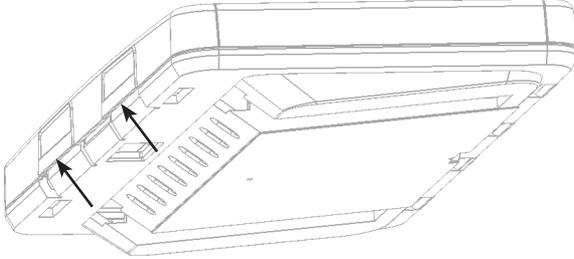
2. **Remove the tablet** by pushing up on the latch at the top of the tablet and tipping the tablet outward. Unplug the power connector and set it aside.
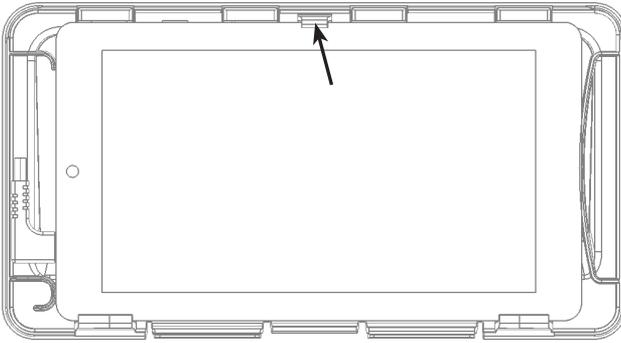
3. **Mount the enclosure to the wall** using the screw holes in the enclosure.
4. **Pull the power cable into the enclosure** through the rectangular hole at the bottom of the enclosure. It can also be hidden completely by drilling a third hole in the wall (through one of the large round holes in the enclosure) and fishing the wire behind the drywall to a location with an AC power outlet.
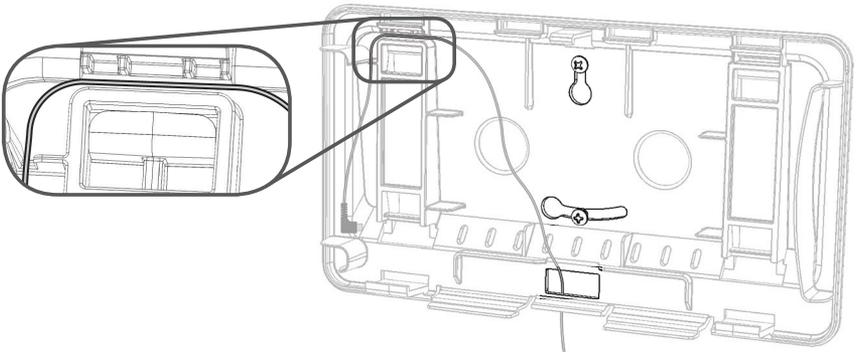
5. **Reconnect the power cable to the tablet** and route the cable through the strain relief channels (see above).
6. **Reinstall the tablet and enclosure cover.**

The main banner indicates panel status such as "DISARMED" or "ARMED STAY"

Tap for information on the panel

Tap for information on Zones

Tap to access settings such as volume, screen brightness & chime.

Tap before arming to arm silently

DISARMED

Ready to Arm

11:04
Tuesday
Aug 15

AWAY

NIGHT

STAY

Tap one of the arming buttons to arm the panel

Tap to disable entry delay
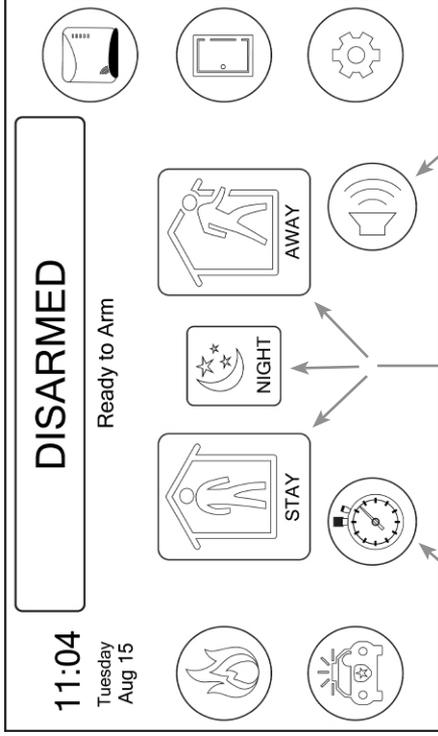
The time zone is configured online

Press and hold for two seconds to trigger fire alarm

Press and hold for two seconds to trigger panic alarm

Pro Tips

To remove the Touchpad feet, open the enclosure and remove the tablet. Then locate and depress the locking tab while sliding the foot off the enclosure.

Locking Tab

Always ensure the power cable is properly routed through the strain relief channels when reassembling the Touchpad.
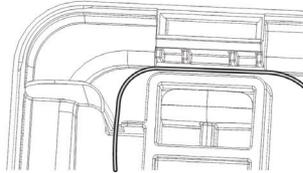
The Touchpad display turns off on its own after 10 minutes of inactivity. It will turn back on when the screen is touched, or for some alarm conditions. The screen can also be turned off manually in the settings screen.

The power supply MUST be secured to an outlet if installed in the USA.

The power supply MUST NOT be secured to an outlet if installed in the Canada.

The Touchpad volume can be changed in the settings screen. The physical volume rocker switch on the top left side of the Touchpad is not enabled.

The Touchpad can be rebooted by holding the power button on the top left side of the Touchpad for several seconds, however this should never be required.

To unenroll the Touchpad put the panel into wireless enrollment mode and press the unenrollment button in the Touchpad's settings menu. Note: the unenrollment button will not be displayed unless the panel is in wireless enrollment mode.

The Touchpad's power cable can be extended by splicing in a longer wire. To do this, first cut the power wire within 16-inches of the USB connector or 6-inches of where it exits the enclosure. Next, cut the wire within 6-inches of the power supply. Discard this section of wire and replace it with the desired wire length of appropriate gauge as shown in the table below.

WIRE GAUGE	MAXIMUM LENGTH
18	13-feet
16	20-feet
14	31-feet

New Wire Here

16"

6"
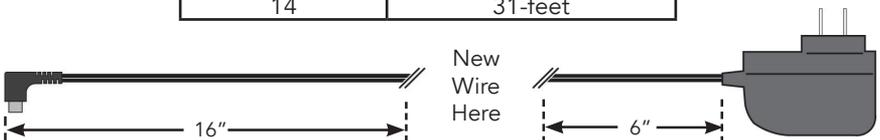
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Specifications

Physical Specifications	
Dimensions With Feet	8.8 x 4.8 x 3.3 inches (22 x 12 x 8.4 cm)
Dimensions Without Feet	8.8 x 4.8 x 1.2 inches (22 x 12 x 3.0 cm)
Weight	18 oz (510 grams)
Mounting Fasteners	#4 or #6 screws (not included)
Environmental Specifications	
Operating Temperature	32°F to 120°F (0°C to 49°C)
Maximum Humidity	85% non-condensing relative humidity
Device Specifications	
Battery Life	4 Hours
Wireless Range	~300 feet in open air
Screen Resolution	1024 x 600 pixels
Screen Size	7 inches diagonally
Accessories	
Power Supply	RE012-13
Wi-Fi DeviceLink	RE926RX
Models	
RE657W, RE657B, RE657WC, RE657BC	
Certifications	
RE657B, RE657W	FCC, IC, UL 1023, ULC Subject C1023
RE657BC, RE657WC	FCC, IC, UL 1610

Specifications subject to change without notice

IC NOTICE

This device complies with Industry Canada license-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.

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.

IC: 21031-ANANDAT1

FCC NOTICE

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.
(2) This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the Alula could void the user's authority to operate this equipment.

FCC ID: 2AASJSTP-103

TRADEMARKS
Alula and Connect+ are trademarks owned by Alula Holdings, LLC.

CE DECLARATION OF CONFORMITY

Hereby, Alula declares that this is in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC.

(This declaration can be translated to other languages via a myriad of translation tools found on the Internet.)