Touchscreen Installation Getting Started Guide

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Contents

Revision History

Revision	Description
1.0	Initial Version
2.0	Updated with corrected numbering, and statement regarding key FOB
3.0	Updated ETL requirements including evacuation plan
4.0	Bullets in evacuation plan corrected
5.0	Corrected installation date and added wall mount instructions, clean up of grammar

1 Overview

The purpose of this document is to guide the technician installing the touchscreen for the home security system in a subscriber's home. Once the touchscreen is installed and powered on, refer to the *System Installation Guide* for activating and programming the security system.

2 Compliances

2.1 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 received, including interference that may cause undesired operation.

> **CAUTION:** Changes or modifications not expressly approved by the manufacturer 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.

RF Exposure information: At least 20cm (8 inches) of separation distance between the Touchscreen and the user's body should be maintained to ensure compliance with FCC RF Exposure Requirements.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

2.2 Industry Canada 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.

CAN ICES-3(B)/NMB-3(B)

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.
Caution :

(i) 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;

(ii) the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;

(iii) the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate; and

(iv) the worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in Section 6.2.2(3) shall be clearly indicated.

(v) Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Avertissement :

Le guide d'utilisation des dispositifs pour réseaux locaux doit inclure des instructions précises sur les restrictions susmentionnées, notamment :

(i) les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

(ii) le gain maximal d'antenne permis pour les dispositifs utilisant les bandes de 5250 à 5350 MHz et de 5470 à 5725 MHz doit être conforme à la limite de la p.i.r.e;

(iii) le gain maximal d'antenne permis (pour les dispositifs utilisant la bande de 5 725 à 5850 MHz) doit être conforme à la limite de la p.i.r.e. spécifiée pour l'exploitation point à point et l'exploitation non point à point, selon le cas;

(iv) les pires angles d'inclinaison nécessaires pour rester conforme à l'exigence de la p.i.r.e. applicable au masque d'élévation, et énoncée à la section 6.2.2 3), doivent être clairement indiqués.

(v) De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5250-5350 MHz et 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

Radiation Exposure Statement:

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 22cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 22cm de distance entre la source de rayonnement et votre corps.

2.3 Device Purpose

Household Fire/Alarm Central Panel

2.4 UL and ULC Notices

This device complies with UL 985, UL1023, UL1635, ULC S545, ULC C1023.

IMPORTANT: The rechargeable battery is only available through the service operator. If your battery needs to be replaced, contact your service operator to arrange for replacement.

2.5 ETL Notice

This device complies with all ETL and ETLC safety requirements.

2.6 Limitations of Security Products

Security products and alarm systems do not offer guaranteed protection against burglary, fire, or other emergencies. They may fail to warn for diverse reasons, including (but not limited to): power failure, dead batteries, improper installation, coverage, coverage areas overlooked during installation, defeat by technically sophisticated intruders, component failure, or inadequate maintenance. Alarm systems should be checked weekly to ensure that all devices are working properly.

AN ALARM SYSTEM IS NOT A SUBSTITUTE FOR INSURANCE.

"For the system which utilize the key fob as the remote device and in order to comply with the System acknowledgement requirements of the SIA CP-01-2014 the two way key fob with status indication must be used."
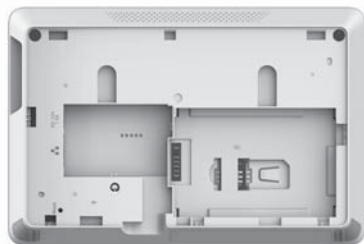
3 Touchscreen Installation & Maintenance

3.1 Assemble and Install the Touchscreen

IMPORTANT: The touchscreen is not intended to be used as a mobile device. The device must be receiving AC power for proper operation.
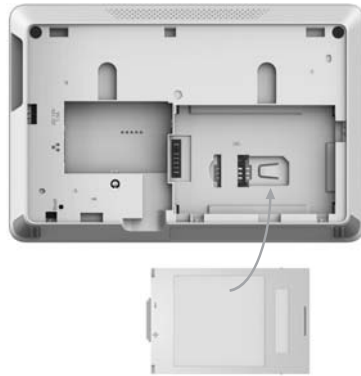
1. Remove the touchscreen from its packaging.

2. Remove the back plate from the back of the touchscreen by pulling the center of the bottom edge upward, then sliding the top tabs out of the slots.
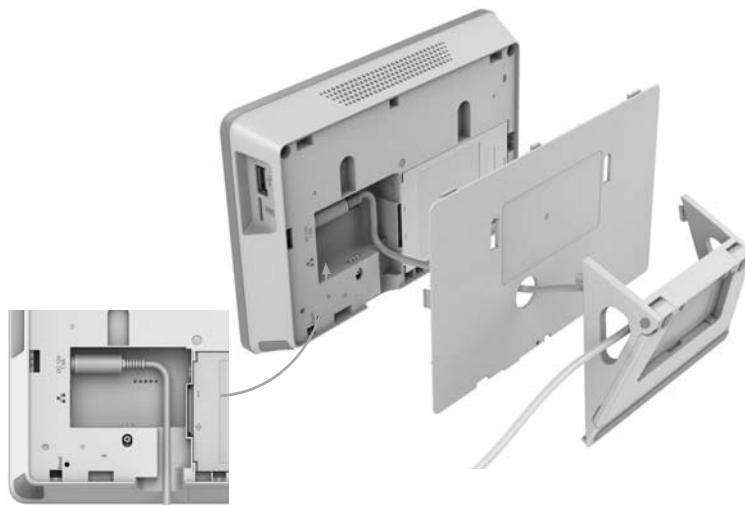
3. Unwrap the 4-volt battery from its packaging and insert the end with the +/– contacts first. Snap the opposite end down in the battery compartment to complete battery installation.

4. Feed the AC power cable through the circular hole on the back plate and connect to the power port on the back of the touchscreen.

5. Snap the back plate to the back of the touchscreen by inserting the top tabs into the slots first, then pressing the bottom into place. Ensure all slack from the AC power cable is pulled through the back plate.

6. Connect the stand to the back of the touchscreen.

7. Position the touchscreen near an un-switched wall outlet (not controlled by a light switch).

> Note: The maximum distance for the sensors to communicate with the touchscreen is 50 feet. However, the distance can be limited occasionally by the materials for the walls, electrical interference, and other conditions. Installation is in accordance with National Electrical Code, ANSI/NFPA 70-1996, and National Fire Alarm Code, NFPA 72-1993, Chapter 29, Canadian Electrical Code CSA C22.1, and CAN/ULC-S540.

> Note: The location of the touchscreen does not have any specific limitations. Do not plug the touchscreen's AC adapter into a switch controlled outlet.

8. (Optional) – If encountering networking issues, connect an Ethernet cable to the touchscreen and the dedicated router.

9. Plug the Touchscreen's AC adapter into the wall outlet, and replace the center screw through the bracket hole.

Table 1: AC Power Supply Ratings

Rating	Value
Input	100-120V Max.0.7A 50/60Hz
Output	12V 1.5A

Assemble and Install the Touchscreen for wall mounting

1. Drill two holes on the wall, then screwing the screw on the wall to fix the battery cover.