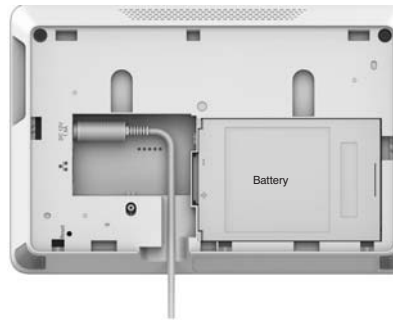2. Insert the battery, connect the AC adapter and Ethernet cable to the touchscreen.

Battery

3. Fix the back of touchscreen to the battery cover on the wall.

4. Screwing the screw to the bottom of touchscreen

3.2 Battery Requirements

> **IMPORTANT:**   The rechargeable battery that came with the touchscreen is only available through the service operator. If the battery needs to be replaced, contact the service operator to arrange for replacement.

Device	Device Type	Batteries	Comments
Touchscreen	Central Controller	GETAC U46P332.00	4 volt Lithium Polymer 3540mAh/14.16Wh

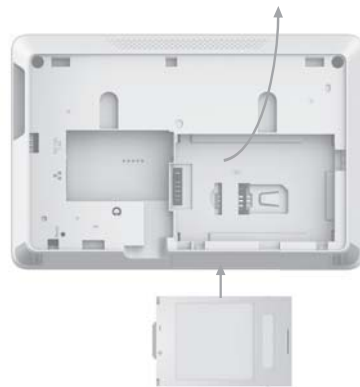## 3.3 Replacing the Touchscreen Battery

1. 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.

2. Disconnect the battery from the touchscreen by lifting it out of the compartment using the battery pull tab.

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. 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.

4 General Guidelines for Sensor Placement

This section provides placement recommendations for sensors.

4.1 Door/Window Sensors

Install door/window sensors at every location of entry, both upstairs and downstairs. Refer to the sensor documentation for more detailed instructions.

4.2 Glass Break Detectors

For best detector performance, select a mounting location that is:

- Within 7.6 m (25 ft.) of the protected glass

- Within clear view of the protected glass

- On the same wall as the protected glass

- At least 2 m (6.5 ft.) from the floor

- At least 1 m (3 ft.) from forced-air ducts

- At least 1 m (3 ft.) from sirens or bells greater than 5 cm (2 in) in diameter

- On a window frame if any heavy window covering is present

Avoid mounting the detector in the following locations:

- In a corner

- On free standing post or pillars

- In rooms with noisy equipment such as air compressors, bells or door bell, and power tools

- In bathrooms (a slamming toilet seat can easily fault a glass break detector)

4.3 Motion Detectors

When placing motion detectors, anticipate traffic patterns:

- The lanes of traffic most used by people in your home are also those most likely to be used by intruders.

- Foyers, stairways, hallways, and entrance-ways are excellent locations for a motion detector.

- Do not place motion detectors at the end of hallways where an intruder can walk directly toward or away from the detector. For best coverage, mount the motion so that the likely direction of intruder motion is across the motion detector's pattern.

A motion detector facing the following can cause false-alarms or failures in detection:

- Direct sunlight

- Cold drafts

- Windows

- Uninsulated walls

- Heat sources such as fireplaces and heating vents

- Moving objects such as fans

- Air conditioning vents

- Glass furniture

- Obstructions such as curtains, plants, large furniture, doors

4.4 Smoke Detectors

Smoke alarms are an important part of a home fire escape plan. The National Fire Protection Association (NFPA) recommends the following for the number and placement of smoke detectors.

Place smoke alarms as follows:

- In every bedroom, in hallways, and on every level of the premises, including the attic and basement.

- High on a wall or on a ceiling (because smoke rises).

- If a smoke detector is placed on a ceiling, position at least 4 inches (12 cm) from the wall.

- Be careful about placing smoke detectors within 20 feet of a cooking appliance.

Additionally we recommend:

- Maintain a 3 foot (about 1 meter) distance from air supply and return vents.

- DO NOT install smoke detectors in a garage or near furnaces.

- Install at least 6 m (20 ft.) away from kitchens or other areas where combustion particles are present.

- Install smoke detectors at least 2.5 m (8 ft.) away from bathrooms.

- DO NOT install in dirty, dusty, or insect infested areas.

- DO NOT install near areas fresh air inlets or returns or excessively drafty areas. Heating/ A/C vents, fans, and fresh air intakes can drive smoke away from smoke detectors.

- Remember that dead air spaces may prevent smoke from reaching a smoke detector.

Evacuation Plan

Develop an emergency evacuation plan for use in the event of fire. Here are some recommendations from the National Fire Protection Association.

- Make an evacuation plan for how to leave your home in the case of fire or other emergency.

- Sketch a map of your home that shows all the doors and windows. Discuss the plan with everyone in your home so that everyone will know what to do.

- Have at least two ways to exit each room. Make sure that windows and doors open easily.

- Discuss with your family and agree on a single meeting location outside your home.

- In the event of fire, get out and stay out. Don't go back inside for people, pets or possessions.

- Do not open a door if the handle is hot.

- If there is smoke stay low to the ground and go under the smoke.

- Escape your home before calling the fire department. Call the fire department and police from the outside meeting place using your cell phone or call from a neighbor's phone.

- Practice your home evacuation plan.

Additional Emergency Preparations

- Do not wait until an emergency occurs to make a plan. Talk to each other about what each person should do in different types of emergency.

- Learn your security system. Get to know how to arm and disarm it and what to do when the authorities or central monitoring calls.

- Make sure everyone (who should know) knows the Secret Word, when to use it, and that it should not be shared.

- Understand the difference between your keypad code and the duress code.

- Understand that you should never enter the premises if you hear an alarm. Call police from a cell phone or a neighbor's phone.

5 Camera Placement Recommendations

Camera views are accessible to touchscreen users and family members who log into the account via an Internet browser or mobile app. When placing cameras, consider whether what they are monitoring poses any privacy issues.

6 Security Quick Reference (SIA)

Feature	Description	Ranges & Defaults
Exit Delay	The time allotted for the subscriber to exit the premises when the security system is armed. The time is doubled automatically for Arm Stay and Arm Night modes up to 120 seconds. **Note:** For UL 1023 installation the maximum Exit Delay should be programmed to maximum to 120 seconds and for SIA CP-01 installation the maximum Exit delay should be programmable between 45 seconds to 4 minutes.	Default: 60 seconds Range: 30 seconds to 240 seconds
Exit Delay Progress Annunciation	Touchscreen beeps once per second and then twice per second during the last ten seconds.	Disabled for Arm Stay and Arm Away. This feature is not configurable.
Exit Delay Restart	If Entry/Exit zone is faulted, restored and then faulted again prior to the end of the Exit Delay, then Exit Delay restarts.	One time only. This feature is not configurable.
Exit Error	If an Entry/Exit door is left open at the end of Exit Delay, the Entry Delay starts and, if the system is not disarmed, an alarm sounds.	This feature is not configurable.
Unvacated Premises	If no Entry/Exit zone opens and closes during the Exit Delay, the Arming mode reverts to Armed Stay.	This feature is not configurable.
Recent Closing	If alarm is tripped within two minutes from end of Exit delay, a Recent Closing transmission is sent to the central monitoring station with the arming keypad code.	A Recent Closing transmission is not for alarms tripped by a smoke detector. This feature is not configurable.
Entry Delay	The time allotted for the subscriber to disarm the system after tripping an Entry/Exit security zone. **Note:** For UL 1023 installation the maximum Entry Delay should be programmed to maximum to 45 seconds and for SIA CP-01 installation the maximum Entry delay should be programmable between 30 seconds to 4 minutes.	Default: 30 seconds Range: 30 seconds to 240 seconds
Entry Delay Progress Annunciation	Touchscreen beeps once per second and then twice per second during the last 10 seconds.	This feature is not configurable.

Feature	Description	Ranges & Defaults
System Acknowledgment	When armed, touchscreen beeps three times. If armed by key fob, the key fob's LED flashes red once and the holds red for two seconds. When disarmed from the touchscreen, it beeps once. If disarmed key fob, the key fob's LED flash green once and then hold green for two seconds.	This feature is not configurable.
Remote Arming	Using key fob, system can be armed in Arm Away mode and Arm Stay mode. Exit Delay period works the same way as non-remote arming.	This feature is not configurable.
Abort Window	Length of time after an alarm sounds for the subscriber to enter a valid keypad code to prevent alarm from being sent to the central monitoring station.	Default: 30 seconds Range: Minimum is 15 seconds and the maximum is 45 seconds
Disarming During the Abort Window	System is disarmed by entering a valid keypad code on the touchscreen or a key pad. If an invalid keypad code is entered, the alarm restarts.	This feature is not configurable.
Aborting	If system is disarmed with within the Abort Window, no alarm transmission occurs. Contacts can opt not to receive SMS and/or email messages notifying them when an alarm was aborted and that the central monitoring station was not notified.	By default, "Verify" contacts are notified by SMS and email when an alarm is disarmed during the Alarm Transmission Delay period.
Cancel Window	For five minutes after the end of the Abort Window the subscriber can disarm the system to send an Alarm Cancel to the central monitoring station.	This feature is not configurable.
Duress Code	Must be unique and created by the user.	Default Duress Code: Null
Use of Duress Feature	A four-digit code that immediately sends a silent alarm when used to arm or disarm the system. Alarms sent from use of the Duress feature are not recorded in the touchscreen history, however, they do appear in the Alarms report in the account System Status in the Management Portal.	Default: Duress Code is disabled.
Cross Zoning	Two security zones that only trip alarm if they are both faulted within configured period of time. Can only be created after the security zones have been added in a separate step.	Default: 10 seconds Range: 1 second to 999 seconds
Swinger Shutdown	After the touchscreen has sent an alarm the set number of times (trips) to the central monitoring station, no more alarms are sent to the central monitoring station for 48 hours or until the security system is disarmed.	Default: 2 trips Range: 1 to 6 trips
Fire Alarm Verification	When enabled, the central monitoring station only contacts the authorities when multiple smoke detectors are faulted OR one detector is in an alarm for 60 seconds.	Default: Disabled

Feature	Description	Ranges & Defaults
Call Waiting	The touchscreen connects to the central monitoring station over broadband and cellular, no call waiting alert is required.	
System Test	Perform the system test as described in *System Installation Guide*.	
Communications	Test the security system to ensure that it is in proper communication with the central monitoring station as described in *System Installation Guide*.	

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