

Product Summary

The Indoor Keypad Model XMB611 is designed for use in configuring/programming and operating a Videofied™ security system. The keypad includes the following features:

- › Lithium batteries for long life.
- › 2-line, 16-character alphanumeric LCD display
- › Built-in badge reader for arming/disarming
- › Built-in piezo for status and alarm sounds
- › Dual tamper function provides detection of both wall and cover tamper.
- › Transmits check-in/status signal every 8 minutes.

Installation Guidelines

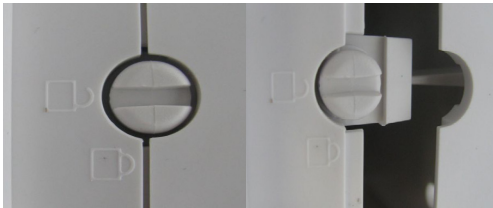
For easier installation, programming and RF testing should be completed before mounting the control panel and devices.

Install the keypad and other system devices in the following order:

- › Programming/RF Testing - Program keypad and all other devices into the control panel and test RF communication from each intended device location to the control panel.
- › Mounting - Mount keypad and devices at the tested location.

Programming/RF Testing*

- 1 Open the casing by turning the button toward the opened padlock symbol and press down lightly on the button to separate the cover.



- 2 Insert 3 (minimum) or 4 (for longer life) SAFT 3.6v Lithium AA LS14500 batteries.

- 3A **New Installation:** Put the control panel into keypad registration mode by pressing the programming button of the control panel one time.

OR

- 3B **Adding to existing system:** Using a programmed alphanumeric keypad, proceed through menus until the display shows ADD A NEW DEVICE. Press **Yes**. The display shows PRESS PROGRAM BUTTON OF DEVICE.

OR

- 3C **Adding to existing system without a keypad:** Refer to the installation manual of the control panel.

- 4 Press and release the programming buttons (CLR and ESC/NO) on the XMB keypad. The keypad LED will flash. Wait for keypad display to show KEYPAD# RECORDED.

- 5 Press **Yes**. The display shows LANGUAGE: ENGLISH. Press **Yes**. (This prompt will only appear when performing a new installation).

- 6 Display shows RADIO RANGE TEST? Press YES, the keypad starts displaying the number of successful pings to and from the control panel out of 9 (0/9 to 9/9). Devices must be installed in a location with a stable 9/9 RF test result to ensure reliable communication.

- 7 Press **YES** to end radio range test, then press **Esc/No**.

Note: If this is a new installation (3A), the keypad display prompts other system configuration data. If adding a keypad to an existing (operational) system, proceed to step 8.

- 8 When finished, exit from configuration mode.

Note: The control panel automatically assigns alphanumeric keypads automatically to Area 1 (Entry/Exit delay)

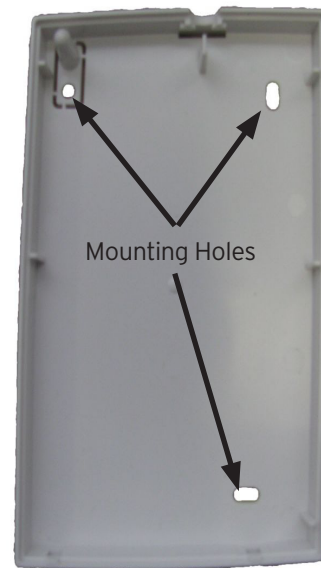
*For complete details, refer to the control panel installation manual.

1. Mounting

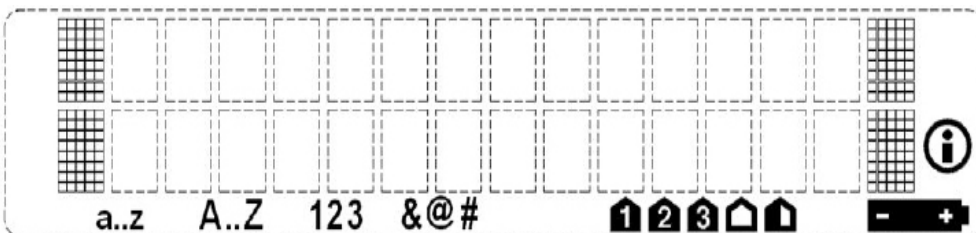
- > Use proper tools and hardware.
- > Mount indoor in a temperature-controlled environment.
- > Mount keypad at height that provides proper viewing and convenience for the customer.
- > Mount in a location that provides customer convenience but out of view from windows.

- 1** Separate base from Keypad.
- 2** Hold base against mounting surface and mark the three mounting holes. Use the left or right side to level the keypad.
- 3** Drill pilot holes and install anchors where needed.
- 4** Place base on mounting surface so holes line up with pilot holes/anchors and secure base with appropriate screws.
- 5** Attach Keypad to base and secure by turning the button to the closed padlock symbol.

Note: The XMB611 Keypad is a supervised device and must be permanently mounted. This product is not intended for portable use.



2. LCD Overview



Information Icon
Low Battery Icon

Icons for entry mode:

- a..z Lowercase
- A..Z Uppercase
- 123 Keypad
- &@# Symbols

Icons for arming mode:

- 1** Partition 1 or SP1 selected
- 2** Partition 2 or SP2 selected
- 3** Unused
- External arming mode selected
- Unused

3. Product Overview



4. Removal of Protective Film

The keypad is protected by a transparent film. It is important to remove this film before using the keypad.



5. RFID Tag Reading

The XMB keypad is equipped with a badge reader ISO/IEC 14443A. The optimal reading area is located around the 0 key. Compatible with MiFare 13.56MHz 1K/4K badges.

The badge reader is inactive until approached by a user. The system utilizes a capacitive detector to energize the badge reader. It is recommended the user holds the badge in place in front of the reader rather than a quick swipe.

When a badge is detected the Green LED is lit for a few seconds.

7. Security

- Remove batteries before any maintenance
- WARNING, there is a risk of explosion if a battery is replaced by an incorrect type!
- Observe polarity when inserting batteries
- Do not throw away used batteries they must be properly disposed of according to Hazardous material regulations for Lithium batteries

6. Keypad Use

Keys	Description
Panic	The panic request is launched in two steps: 1. 3 second press on the PANIC key 2. 1 second press on one of the three assistance keys - The transmitted event type and siren activity depend on programming
OK	Used to confirm any data capture or acknowledge messages
ESC	Exits the current menu or cancels all data entered
CLR	Deletes the last character entered
Symbols	The symbols: \square 1 . _ @ \$, ' ? ! ; : " (\square =space) are accessed through the 1 key • With multiple 1 second presses on the 1 key, the user is able to select the symbol they are looking for. • By pressing and holding the 1 key, the line with all symbols will show. Use the arrow keys to select the symbol and press OK to confirm.
Special Characters	Special Characters +0-*#=#/%& ¥<>() are accessed through the 0 key • With multiple 1 second presses on the 0 key the user is able to select the special character they are looking for. • By pressing and holding the 1 key, the line with all symbols will show. Use the arrow keys to select the symbol and press OK to confirm.
Capital Letter	Press and hold appropriate letter key then repeat press
Auto-Repeat mode	When a user holds an arrow key, the keypad will scroll all available values
Re-sync and Enrollment	Press and release ESC/NO and CLR buttons simultaneously

FCC Regulatory Information for USA and CANADA

FCC Part 15.21 Changes or modifications made to this equipment not expressly approved by RSI VideoTechnologies may void the FCC authorization to operate this equipment.

FCC Part 15.105 Class B

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.

Radio frequency radiation exposure information according 2.1091 / 2.1093 / OET bulletin 65

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada.

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.

8. Specifications

Electrical Data

Panel Compatibility Videofied Alarm Panel XL,XT,XTIP, V6000

Power requirements:

Type: 3.6v SAFT Lithium, LS14500, AA Batteries Only
 Nominal Voltage: 3.6v
 Low Voltage Limit:
 2.1v - LCD will stop functioning but communication is working
 3.0v - LCD will function and communication is working

Quantity 3x or 4x

Battery life (estimated) Up to 4 years

RF technology:

2 way S²View© RSI Technologies
 915MHz frequency hopping

Radio type Spread Spectrum Bidirectional RF

Operating frequency 915 MHz

Transmission security AES algorithm encryption

Supervision Panel polls devices every 8 minutes

Antenna Integrated

Tamper detection Wall and cover tampered

Keypad:

Keys: 23x Keys
 Allowed Time for Code Entry: 60s
 Number of Illegal codes: 186 (depending on panel features)
 User code input attempts before lockout: 5
 Lockout duration: 90 seconds
 Memory Lifetime: No Limit (Flash Memory)

Assistance Request Police/Medical/Fire

Display type Liquid-crystal (LCD)

Display size Two lines, 16 characters each

Display backlighting Automatic

Badge Reader:

Format: ISO/IEC 14443A
 Type: MiFare 13.56MHz 1K/4K

Built-in sounder:

Piezo Buzzer: Emits entry/exit delay beeps, alarms

Panic button One (Must be programmed/Enabled)

Operating temperature 14° - +104° F (-10° - +40° C)

Maximum relative humidity 75%, non-condensing

Physical Data

Material ABS UL94-V0

Dimensions (LxWxD): 6.3 x 3.6 x 1.2 Inches
 (160 x 92 x 31 mm)

Weight 6.35oz (180gr) without batteries

Installation/Mounting

Wall Mount 3 Screws (including one for the tamper)

Case Lock Mechanical lock and optional screw

Certification & Approvals

USA FCC Part 15C
 UL1023 (Applied For)

Canada RSS210



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