

- Dual tamper
- Built-in RFID proxy reader (XMB only)
- Built-in sounder
- Lithium battery-powered - 4 years battery life

## Description

The Keypad Model XMB is a battery operated, wireless alphanumeric keypad/badge reader device designed for programming and operating Videofied security systems.

The keypad features a 32 character (two lines x 16 characters) liquid crystal (LCD) display, multi-function push buttons, panic assistance, built-in sounder, proximity badge reader and Wiselink® spread spectrum encrypted wireless circuitry for secure two-way communication with the control panel.

The LCD backlight turns off automatically after 30 seconds of keypad inactivity to conserve battery power. Pressing a button will turn the backlight on and register as a command to the system.

The keypad can be used to program and configure Videofied™ security systems. Wiselink® spread spectrum encrypted wireless circuitry effectively makes the keypad a mobile programmer that can be used anywhere within the installation site during system programming.

Because the keypad is a supervised device, once programming is completed the keypad must be permanently mounted or deleted from the system. The easy to understand display guides you through programming, prompting you for simple yes/no or data entry responses. The left and right arrow buttons cycle through menus or values until the desired option is displayed. Text entries are done using the 0 - 9 buttons and can be in lowercase, uppercase, or a combination of both. Complete punctuation symbols are also available for data entries such as website/IP addresses and component location naming.

The badge reader can be used to arm and disarm the system. It has proximity detection to turn on the reader when it detects a hand present within the detection field. Presenting a badge to the reader for 2 seconds will toggle the arming and disarming of the system.

The keypad is typically installed near entry/exit doors to allow system users enough time to arm and exit the premises, and to enter and disarm the system before time delay expires. When the system is armed, the built-in sounder emits a series of exit delay beeps to remind the user to exit before the beeps stop. Upon entering the armed premises, the built-in sounder emits entry delay beeps to remind the user to disarm the system to avoid an alarm. A dual tamper function provides detection for both keypad cover and wall tamper.

The keypad is powered by three lithium batteries that can last up to four years or more, depending on the amount of keypad activity. The keypad transmits a check-in signal every eight minutes that includes its unique identification code, along with the tamper condition, serial number, date of manufacture, software revision and battery status. Videofied alarm systems support up to three keypads per system.



## Features

- > Wiselink® - Spread Spectrum, Videofied, Interactive AES Encrypted Wireless technology provides optimum signal integrity and security.
- > Mobility - program the system from anywhere on site.
- > Display - Two line, 32 character (2 lines x 16 characters) display with automatic backlight. 30 second backlight timer to conserve battery power.
- > Buttons - complete alphanumeric setting/parameter entries in programming mode; standard and custom operation in normal operating mode.
- > Built-in sounder - provides entry/exit delay beeps and alarm sounds.
- > Panic Assistance - for manual activation anytime.
- > Supervised - transmits a check-in/status signal every 8 minutes indicating tamper state, serial number, date of manufacture, software revision and battery status.
- > Dual tamper - provides detection for both wall and cover.
- > Lithium batteries - up to four years.



# XMA XMB KEYPAD

## ELECTRICAL PROPERTIES

|                            |                                |  |
|----------------------------|--------------------------------|--|
| <b>Panel compatibility</b> | W, X and VISIO panels          |  |
| <b>Battery</b>             | LS14500 SAFT Lithium batteries |  |
| Quantity                   | 3 or 4                         |  |
| Nominal voltage            | 3.6 V                          |  |
| Low battery behavior       | 3 V                            | LCD & RF communication operational           |
|                            | 2.1 V                          | LCD turned off, RF communication operational |
| Estimated battery life     | Up to 4 years (3 batteries)    |  |

## RADIO PROPERTIES

|                                |  |
|--------------------------------|--|
| <b>RF Wiselink® technology</b> |  |
| Radio type                     | Spread spectrum RF bidirectional   |
| Operating frequency            | <ul style="list-style-type: none"> <li>• 868MHz - XMA210 &amp; XMB210 (Europe, Africa, Asia)</li> <li>• 865/867 MHz - XMA310 &amp; XMB310 (India)</li> <li>• 902/928 MHz - XMA621 &amp; XMB621 (Americas)</li> <li>• 915/928 MHz - XMA722 &amp; XMB721 (Australia, South America)</li> <li>• 902/907.5 MHz &amp; 915/928 MHz - FHSS - XMA820 (Brazil)</li> </ul> |
| Transmission security          | AES algorithm encryption   |
| Supervision                    | Radio, batteries, tamper   |
| Radio antenna                  | Integrated   |

## TECHNICAL PROPERTIES

|                                    |                                      |
|------------------------------------|--------------------------------------|
| <b>Keypad</b>                      |                                      |
| Number of keys                     | 23                                   |
| Allowed time to enter code         | 60 seconds                           |
| Number of unavailable codes        | 186 + 4 per registered code          |
| User codes attempts before lockout | 5                                    |
| Lockout delay                      | 90 seconds                           |
| Memory storage delay               | Unlimited (flash memory)             |
| Remote assistance request          | Police/Medical/Fire                  |
| Display type                       | Liquid-crystal (LCD)                 |
| Display size                       | Two lines of 16 characters           |
| Display backlighting               | Automatic                            |
| <b>Badge reader XMB only</b>       |                                      |
| Format                             | ISO/IEC 14443A                       |
| Type                               | MiFare 13.56 MHz 1K/4K               |
| <b>Built-in sounder</b>            |                                      |
| Piezo buzzer                       | Emits entry/exit delay beeps, alarms |
| Panic button                       | One (must be enabled in test mode)   |

## BOX

|                                 |                                    |
|---------------------------------|------------------------------------|
| <b>Physical properties</b>      |                                    |
| Material                        | ABS UL94-V0                        |
| Dimensions                      | 160 mm x 92 mm x 31 mm             |
| Weight                          | 180 g (without battery)            |
| <b>Environmental properties</b> |                                    |
| Operating temperature           | -10°/+40°C                         |
| Max relative humidity           | 75%, without condensing            |
| <b>Installation / Mounting</b>  |                                    |
| Wall mounting                   | 3 screws                           |
| Box sealing                     | Mechanical lock and optional screw |
| <b>Tamper</b>                   |                                    |
| Tamper detection                | Cover and wall tamper              |

## STANDARDS AND CERTIFICATIONS

|  |   |
|--|---|
| <b>CE</b>  | <b>868MHz (XMA 210 &amp; XMB 210)</b>   |
| Compliant with Directive 2014/53/EU for RED - Radio Equipment Directive  |   |
| EN 60950-1   | 2006 +/A11:2009+/A1:2010+/AC:2011+/A12:2011+/A2:2013  |
| EN 62311   | 2008  |
| EN 55032   | 2014  |
| EN 301489-1 V1.9.2 ; EN301489 V1.6.1   |   |
| EN 300220-2 V2.4.1   |   |
| <b>Other certifications</b>  |   |
| Netherlands  | NCP   |
| Singapour  | IDA   |
| South Africa   | ICASA   |
| <b>IS</b>  | <b>865/867 MHz (XMA 210 &amp; XMB 210)</b>  |
| India  | Compliant with Certification number   |
| <b>FC</b>  | <b>902/928 MHz (XMA 621 &amp; XMB621)</b>   |
| USA FCC  | Part 15C  |
| Canada IC  | RSS-247 Issue 1   |
| <b>AS</b>  | <b>915/928 MHz (XMA 722 &amp; XMB 721)</b>  |
| Australia C-Tick   | AS/NZS4268  |
| <b>902/907.5MHz &amp; 915/928MHz (XMA 820)</b>   |   |
| Brazil   | <br>Agência Nacional de Telecomunicações |
| Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário. |   |

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The EC declaration of conformity of this product is available by flashing that QR code :

