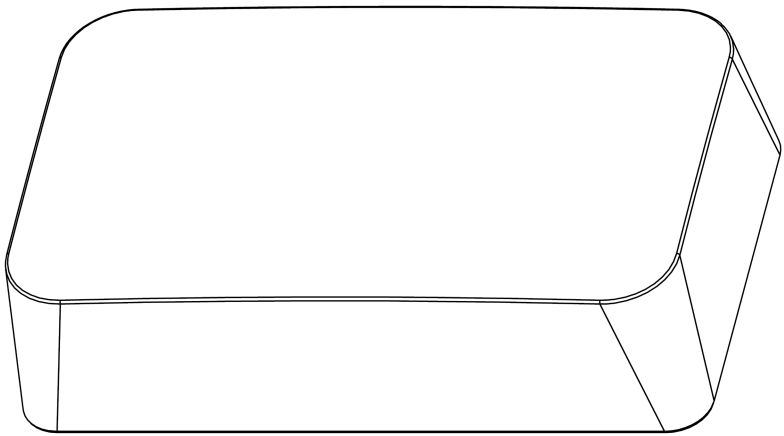
An ***M2M Services*** Brand



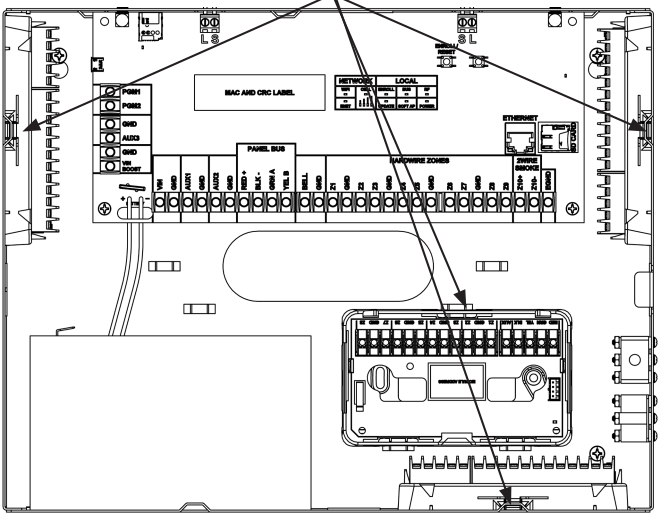
Connect-XiP
Zone Expansion Module

Connect-XiP™
Zone Expansion Module Installation Guide

XiP-XM-8Z is a BUS connected module enabling the addition of 8 hardwired zones. To add zones, wire to a zone terminal and its shared ground terminal, and then follow one of the enrollment processes listed below. Zone Expansion modules support hardwired zones including smokes. The Zone Expansion Module can supply up to 350mA of power to sensors. The Zone Expansion Module is intended to be powered from the CONNECT-XIP bus power connection (RED), AUX1, AUX2 or AUX3.

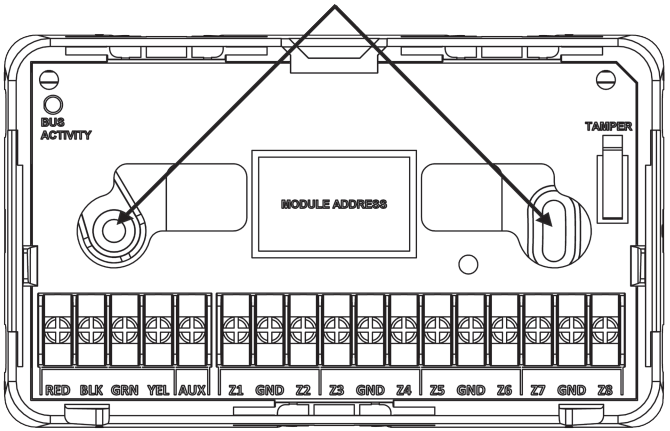
Install Expansion Modules in the can by inserting the modules back into the tabs, and pressing down until you hear a click. Press the tab on the front of the module and lift to remove it.

Expansion Module Mounting Locations



The Expansion Module can be mounted to the wall by removing the front cover, and using the two mounting holes to secure the housing to the wall.

Expansion Module Mounting Locations



Sensor Enrollment and Configuration

Wire hardwired sensors by connecting the devices to one of the 8 zone terminals and shared ground terminals on the module.

Enroll and configure sensors using Touchpad programming, or the AlulaConnect dealer portal, and using one of the enrollment methods listed below. Configuration options are described in the configuration guide.

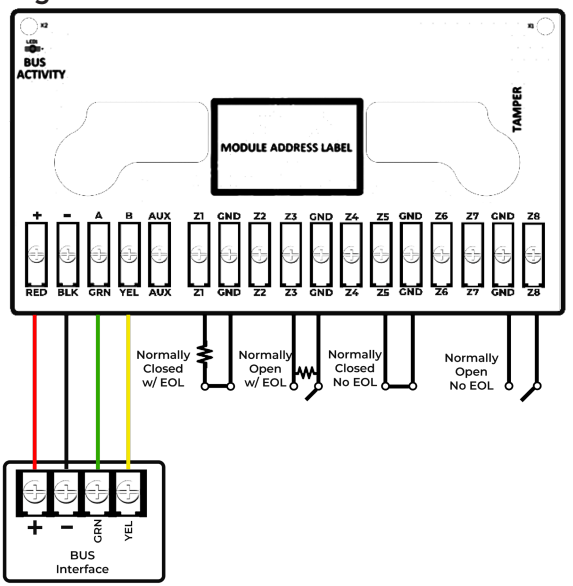
Enroll Using Hardware ID can used to add via the AlulaConnect > Device > Peripherals > Zones > "Add New Zone" button, and selecting the module ID and zone input index you wish to enroll.

Trip-to-enroll can be used by holding the enroll button for approximately 3 seconds to enter enroll mode. Proceed to trip zones to enroll them in the panel.

Hardwired Zones can be wired in either Normally Closed, or Normally Open configurations. EOL resistors can be used if supervision is neccesary. *For UL commercial burglar alarm installations, use normally closed zones.*

EOL Resistors with values 1k-8.2k can be used for sensors. Smoke sensors require 2k EOL resistors. 2k EOL resistors are included.

Sensor Wiring Diagram



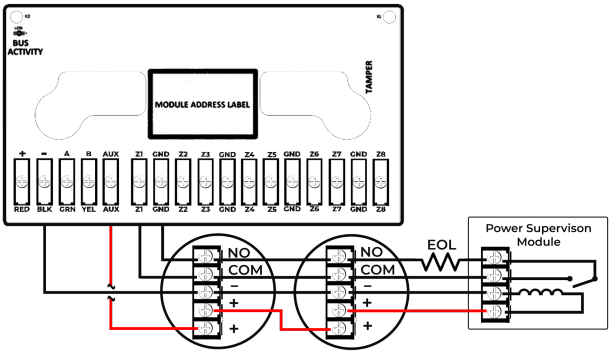
Notes:

Product is meant to be installed by a trained installer
Product is intended to be installed within the protected area
Test and maintain the Input Module by tripping each zone and ensuring expected functionality.
Product should be installed in accordance with Chapter 2 of "ANSI/NFPA 72: National Fire Alarm and Signaling Code" (National Fire Protection Association, Batterymarch Park, Quincy, MA 02169)
Wiring methods that shall be in accordance with CSA C22.1, Canadian Electrical Code, Part I, Safety Standard for Electrical Installations; CAN/ULC S302, Standard for the Installation, Inspection and Testing of Intrusion Alarm Systems; and CAN/ULC S301, Standard for Signal Receiving Centre Intrusion Alarm Systems and Operations.

Hardwired Smoke Sensors

4-Wire Smoke Sensors can be used on any hardwired zone on the input module. The zone selected needs to be programmed as a 4-wire smoke sensor Zone Profile. Power for 4-wire smoke sensors can be sourced from AUX and BLK. If used for 4-wire smoke sensor power, Aux power must be configured as resettable zone power.

Smoke Sensors require resistors with values 2k.



Smoke Alarms should be installed in accordance with Chapter 2 of "ANSI/NFPA 72: National Fire Alarm and Signaling Code" (National Fire Protection Association, Batterymarch Park, Quincy, MA 02169) when installed in the USA. Smoke alarms installed in Canada should be installed in accordance with "Standard for the Installation of Residential Fire Warning Systems, CAN/ULC-S540".

Specifications

MODEL	XiP-XM-8I
PHYSICAL	
Housing Body Dimensions Weight with Battery Mounting Fastener	5.1 x 3.1 x 1.25 inches (12.7 x 7.9 x 3.18 cm) 4.75oz (135g) #6 or #8 screws (not provided)
ENVIRONMENTAL	
Operating Temperature Maximum Humidity	32 to 120 °F (0 to 49 °C) 85% non-condensing relative humidity
SPECIFICATIONS	
Inputs Tamper Indications Input Voltage Input Current (Standby) Input Current (Alarm/Max) AUX Output Voltage AUX Output Max Current	8 Cover and wall tamper 6VDC - 13.5VDC 10mA + AUX Current 13mA + AUX Current 6VDC - 13.5VDC 350mA
CERTIFICATIONS	UL1023, UL985, UL2610, ULC S304, ULC S545