Xline
INIM's new generation intrusion detectors

The XLine detector series represents the integration of the very best technologies available for motion sensing. These detectors are perfect for use in professional indoor applications, thanks to digital signal analysis that combines high sensitivity with an equally high immunity to false alarms. In fact, by using the digital signal analysis of the sensors and applying a totally innovative and stable signal amplification and filtering technique, these devices are now capable of sensing motion in the protected area with extreme reliability and precision. To high efficiency, the detectors of the XLine series also add the aesthetic appeal of an attractive low-profile design which makes them the perfect choice for all types of commercial, residential and institutional premises.

PIR detectors

XIR100H and XIR200H are passive infrared detectors (PIRs) that, by means of a dual pyroelectric element, detect infrared radiation.

XIR100H Digital PIR detector
- Digital signal analysis
- Range 15m
- Detection angle 100°
- Bypassable LED
- Temperature compensation
- White light protection
- Pulse counter

- Anti-opening protection
- Operating temperature: 0°C ÷ +50°C
- Power Voltage: 9V ÷ 16V dc
- Absorbed current: 15mA @ 12V dc
- Installation height: 2.2m
- Dimensions: 96x60x44 mm

XIR200H Digital PIR detector
- Digital signal analysis
- Range 15m
- Detection angle 100°
- Bypassable LED
- Temperature compensation
- White light protection
- Pulse counter

- Anti-opening and anti-dislodgement protection
- Predisposed for EOL resistor
- Operating temperature: 0°C ÷ +50°C
- Power supply voltage: 9V ÷ 16V dc
- Current draw: 15mA @ 12V dc
- Installation height: 2.2m
- Dimensions: 120x60x44 mm

Dual technology detectors

The XLine dual technology detector range includes microwave PIR detectors that combine a dual pyroelectric element and an X band microwave sensor.

XDT200H Digital dual technology detector

- Digital signal analysis
- Range 15m
- Detection angle 100°
- Pulse counter
- Temperature compensation
- White light protection
- Bypassable LED
- 3 signalling LEDs
- Anti-opening and anti-dislodgement protection

- Predisposed for EOL resistor
- AND/OR function alarm trigger
- Smart function
- X Band microwave detection
- Operating temperature: 0°C ÷ +50°C
- Power supply voltage: 9V ÷ 16V dc
- Current absorbed: 20mA @ 12V dc
- Installation height: 2.2m
- Dimensions: 120x60x44 mm

XDT200HM Digital dual technology detector with anti-masking function

- Digital signal analysis
- Range 15m
- Detection angle 100°
- Pulse counter
- Temperature compensation
- White light protection
- Bypassable LED
- 3 signalling LEDs
- Anti-opening and anti-dislodgement protection

- AND/OR function alarm trigger
- Smart function
- X Band microwave detection
- Anti-masking microwave
- Operating temperature: 0°C ÷ +50°C
- Power supply voltage: 9V ÷ 16V dc
- Current absorbed: 20mA @ 12V dc
- Installation height: 2.2m
- Dimensions: 120x60x44 mm

Triple technology detectors

The XTT200H combines a dual element PIR and a X band microwave element. It operates as a dual technology detector but is capable of processing three types of input signals. It provides two operating modes, standard and digital.

XTT200H Triple technology detector with digital processing

- Digital signal analysis
- Cover 15m
- Detection angle 100°
- Digital communication option
- Pulse counter
- Temperature compensation
- Antiglare
- Bypassable LED
- 3 signalling LEDs

- Anti-opening and anti-dislodgement protection
- Vibration and tilt sensor
- Ready for End of Line resistances
- X band microwave detection
- Operating temperature: 0°C ÷ +50°C
- Power supply: 9V ÷ 16V dc
- Current draw: 20mA @ 12V dc
- Installation height 2.2m
- Dimensions: 120x60x44 mm

EOL Resistors

XLine detectors predisposed for line balance can be configured by inserting an EOL resistor jumper in the appropriate connector on board the device.

XEOLR3K9: 3K9 EOL Resistor
XEOLR6K8: 6K8 EOL Resistor
XEOLR510R: 510Ω EOL Resistor
XEOLR1K: 1K EOL Resistor

XEOLR1K5: 1K5 EOL Resistor
XEOLR2K4: 2K4 EOL Resistor
XEOLR5K6: 5K6 EOL Resistor
500 pcs box

Accessories

XBK100: Swivel bracket for Xline detectors (50 pack).