

Ness Xline

New generation intrusion detectors



XIR100H
15m Standard PIR

XIR200H
15m Dual Digital PIR

XDT200H
15m Dual Technology
Microwave/PIR

The XLine detector series represents the integration of the very best technologies available for motion sensing.

XLine 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.

As well as high efficiency, XLine series detectors 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.

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PIR detectors

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



100-234 XIR100H 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 Voltage: 9V ÷ 16V dc
- Absorbed current: 15mA @ 12V dc
- Installation height: 2.2m
- Dimensions: 96x60x44 mm



100-235 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.



100-205 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

Accessories



100-236 XLINE series mounting bracket



Ness XLINE detectors are also compatible with the 100-243 Quantum Swivel Bracket (with modifications).

See the Ness web site for installation instructions.



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