

XiB Series

BUS SENSOR RANGE



FEATURES

- **XiB Bus Detector Range**
- **PQ15 XiB PIR**
- **PQ15 AM XiB PIR**
- **DT15+ XiB Dual Tech**
- **DT15 AM XiB Dual Tech**
- **Redesigned Housing Shared Across Platform Range**
- **Varifocal Lens Design**
- **Adjustment-Free Optics**
- **Software Configurable**
- **Simple Installation**

XiB detectors are connected directly onto the control panel bus and do not require expansion modules. They are simply added to the system using a "Plug and Play" auto add facility which assigns a circuit number automatically to the sensor.

Full control and final adjustment can be carried using either a keypad or the GSR software package remotely or on site. The set up menu is simple to use and does not require the unit case to be opened or DIL switches/links to be set as it is all software configurable. Installation is easy to carry out and provides a genuine reduction in the time to set up making the detector very cost effective to install.

Incorporating a unique varifocal lens design that allows the units to be mounted between 2.1 and 2.5m without adjustment, with a common housing across the range. These units are simple to install and set up and for the majority of installations can be fitted and forgotten as they have effective defaults that require no further setting up.

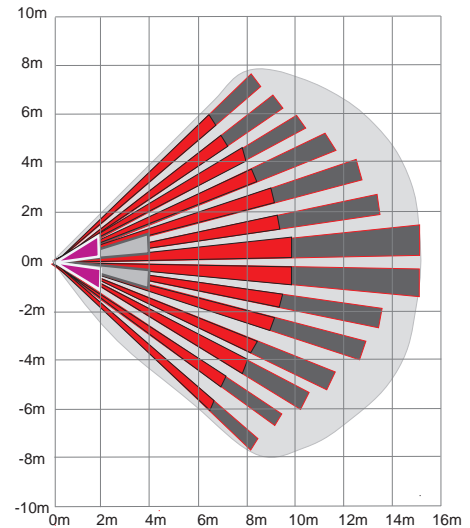


Integration Starts Here!

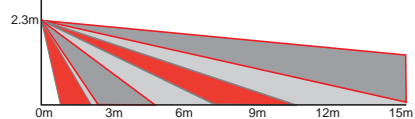
SPECIFICATIONS

Power PQ15	Voltage	12Vdc (9Vdc - 16Vdc)
	Current	8mA quiescent @ 12Vdc 11mA max @ 12Vdc (LED on)
	Max. ripple	2V peak to peak @ 12Vdc
Power PQ15 AM	Current	10mA quiescent @ 12Vdc 13mA max @ 12Vdc (LED ON)
Power DT15+	Current	11mA quiescent @ 12Vdc 17mA max @ 12Vdc (All LED's ON)
Power DT15 AM	Current	13mA quiescent @ 12Vdc 19mA max @12Vdc (All LED's ON)
Microwave power		0.011 uw/cm ² @ 1m (average)
Frequency		X band
Alarm period		Approximately 3 seconds
Temperature range		-10°C to 55°C (14°F to 130°F)
Microwave range adjustment		50% to 100% of range via easily accessible potentiometer
PIR coverage adjustment		± 5° adjustment horizontally when corner mounted
Walk test LED's		Red Unit Alarm Green Microwave channel (DT variants only) Yellow..... PIR channel (DT variants only)
Anti-masking		Indicated at the detector and control panel
Packed weight		approx. 110g, 115g, or 135g depending on model
Dimensions (H x W x D)		110 x 66 x 42mm

VOLUMETRIC PLAN VIEW 15M



VOLUMETRIC SIDE VIEW 15M



FEATURE	BENEFIT
Adjustment free optics	Helps minimise the installation and set up time
Sealed optics	Lower risk of unwanted alarms from insects
Anti stealth	Improved detection in harsh environments
Sneak mirror	Effective detection below the sensor
Active IR anti-mask (AM versions only)	Suitable for high security applications
Sensitivity selection	Higher security and reduced false alarms risk
Profiled temperature compensation	Stable detection through a range of operating temperatures
Microwave range control (DT variants only)	Precise adjustment of microwave detection area
Simplified installation	Reduced installation time and simplified wiring (4 core cable)
Digital fluorescent light rejection	No unwanted alarms from fluorescent lights
Low voltage detection	Indication of problem before you get false alarms
Full detector control	Finite control of the detector parameters through the keypad or GSR software
Microwave/PIR supervision (DT variants only)	Continuous operation in the event of microwave/PIR failure
Microwave day disable (DT variants only)	No microwave emissions during unset/day
Automatic self test (Not PQ15)	Identification of problems by constantly monitoring performance
Improved diagnostics	Accurate voltage and condition indications for the detector (up to 9 conditions shown).
EN50131...Grade 3/2 Class II compliant	Can be used in all installations to this standard (PQ15 Grade 2)
Simplified programming	Reduced configuration and setup time
Three LED's (DT variants only)	Easier to check status of each technology as well as unit alarm
Auto add facility	"Plug and play" configuration resulting in fewer setup errors

ORDER INFORMATION

W76557	PQ15 XiB15m	W76576	DT15 AM XiB15m
W76560	PQ15 AM XiB15m	W72321	LPB2 Low Profile Wall Bracket
W76569	DT15+ XiB15m	W72977	CMB1 Ceiling Mount Bracket

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