

KX12DQ-WE



## Simply advanced detection Superior security that's stylish & easy

Looking to protect a home or business with advanced detection technology? Look no further than the KX12DQ-WE, the detector that combines KX digital quad technology, with all the benefits of wireless installation!

Complies with EN50131-1

[www.pyronix.com](http://www.pyronix.com)

# KX12DQ-WE



## Responsive detection with a Passive Infrared (PIR) sensor

The KX12DQ-WE consists of a dual-element pyro-electric PIR sensor, which works by constantly monitoring the infrared energy levels around a room. The detector will recognise any changes caused by the entry of an intruder and inform the panel to go into an alarm condition.

## Advanced signal analysis with digital quad (DQ)

Superior signal analysis via the innovative DQ software, enables more accurate detection of potential intruders.

## Adaptable, optimised & stylish

### • Volumetric detection

Ideal large area coverage for living rooms, dining rooms, kitchens and more.

### • 12m detection coverage

Detection coverage up to 12m.

### • ABS plastics

3mm polished finish produces a professional and sleek finish while reducing electrostatic interference on the PIR sensor.

### • Sealed optics

Protect the detector from possible insect infestation, shields air movement in front of the pyro-electric sensor and protects against adverse reflections from inside the detector housing.

## Avoid false alarms with Blue Wave Technology (BWT)

Advanced signal processing and 3D optics safeguard against false alarms and improve immunity to interference:

### • Digital temperature compensation

Digitally adjusts the sensitivity of the detector to maintain its specified range when the background temperature is close to body temperature.

### • Automatic sensitivity

The detector self-adapts to changing environmental conditions to maintain stability and intruder catch performance.

### • Independent Floating Thresholds (IFT)

Eliminates electrical environmental disturbances by ensuring alarm thresholds are always kept within predetermined limits.

### • Optical 3D system

Improves the detection of moving targets, ensures more precise signals can be received from the PIR and allows protection of the area below the detector (creep zone).

## Beat the burglar with tamper protection

Any sabotage attempts from the front or back will result in an alarm activation. This ensures maximum security is maintained against accidental or malicious tampering of the system.

Partcode	KX12DQ-WE
<b>Lens Characteristics</b>	
Volumetric lens 85 degree coverage, 60 zones and 7 planes	✓
Pet immunity coverage, 6 planes and 56 zones	✗
Curtain lens, 20 degree coverage, 46 zone, 6 planes	✗
Long range lens, 20 degree coverage, 24 zone, 6 planes	✗
Maximum range	12m
Optimum installation height	1.8-2.4m
Creep-zone protection	✓

## Technical Characteristics

Animal Immunity	✗
Blue Wave Technology	✓
Automatic sensitivity	✓
Digital temperature compensation	✓
Front and rear tamper protection included	✓
Signal Strength Indicators (SSI)	✓
3V lithium battery included	1x CR123A
Minimum battery life (years)	2

## Certifications & Warranty

Electrical conformity	CE
EN50131	Grade 2
Environmental class	II
	CA12.01325
Warranty	2 years

## Faster installation, less invasion, upsell opportunities & the same superior security with two-way wireless technology

### • Two-way wireless

Enforcer two-way wireless technology offers a highly secure and reliable wireless system, using 128-bit wireless protocol encryption and advanced jamming detection. Each wireless device on the Enforcer is both a transmitter and a receiver.

### • No wires, no fuss

As the system is fully wireless there is no need to run wiring by lifting floorboards or moving furniture, saving you time and money.

### • One-Push-To-Learn

A feature in all Enforcer wireless devices that means learning them onto the system can be done in seconds. A simple one button learning feature for easy installation.

### • Signal Strength Indicators (SSI)

SSI in all Enforcer wireless devices allow them to be optimally positioned during installation, without the need to refer back to the panel.

### • Instant Two-Way Device Control (ITDC)

This enables the instant wake up and instant sleep of each wireless device on the system to preserve battery power and operability, while maintaining security.