

KX15DQ



## Advanced digital quad detection Pioneering protection with advanced digital quad technology

Looking to protect large rooms or offices? Want the detector to deliver advanced signal analysis, while monitoring and adapting to its environment? Install the KX15DQ

Complies with EN50131-1

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

# KX15DQ



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

The KX15DQ 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.

### • 15m detection coverage

Detection coverage up to 15m.

### • 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).

Partcode	KX15DQ
<b>Lens Characteristics</b>	
PIR	✓
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	15m
Optimum installation height	1.8-2.4m
Creep-zone protection	✓

<b>Technical Characteristics</b>	
Animal Immunity	✗
Blue Wave Technology	✓
Automatic sensitivity	✓
Digital temperature compensation	✓
Optical quad	✓
EOL resistors on board	✓
Tamper protection included	✓

<b>Certifications &amp; Warranty</b>	
Electrical conformity	CE
EN50131	Grade 2
Environmental class	II
	CA12.01172
Warranty	2 years

## Beat the burglar with tamper proof brackets

Supplied with both wall and ceiling mount brackets that provide access for up to two 8-core cables (tamper kit optional). They also ensure that maximum security is maintained against accidental or malicious tampering of the system.

## Faster & more efficient wiring with selectable EOL resistors

The KX15DQ incorporates various EOL tamper and alarm resistor values to cater DEOL wiring for most control panels on the market.