

KX12DT-WE



## Dependable Dual Technology Detection

Stylish, elegant & proven

Ideal internal detection for any room! Fit the wireless KX12DT-WE and the user can rest assured that they have great detection and protection for their property, with secure Dual Technology (DT).

Complies with EN50131-1

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

# KX12DT-WE



## Ultimate reliability with Dual Technology (DT)

Consisting of both a Passive Infrared (PIR) and microwave sensor in one housing, both sensors need to be activated simultaneously to get an alarm condition. This increases stability and makes the KX12DT-WE ready to detect in even the harshest environments.

## 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.

## Dogs & Cats allowed

### • Pet Immune (PI)

The detector's intelligent PI technology analyses the difference between an intruder and a pet signal, with immunity up to 20kg and 10m coverage range.

## Avoid false alarms with Blue Wave Technology

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).

### • Different microwave frequencies

Avoids interference (cross-talk) that can occur when two detectors with microwave modules in them are installed within close proximity of each other. This optimises detector stability.

## 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.


## 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.

Partcode	KX12DT-WE
<b>Lens Characteristics</b>	
Dual Technology	✓
PIR	✗
Volumetric lens 85 degree coverage, 60 zones and 7 planes	✓
Pet immunity coverage, 5 planes and 52 zone	✗
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	✓

<b>Technical characteristics</b>	
Animal Immunity	✗
Blue Wave Technology	✓
Automatic sensitivity	✓
Digital temperature compensation	✓
Front and rear tamper protection included	✓
Separate LED indication: Microwave, PIR and Alarm	✓
3 microwave frequencies to avoid interference	✓
Signal Strength Indicators (SSI)	✓
3V lithium battery included	2x CR123A
Minimum battery life (years)	2

<b>Certifications &amp; Warranty</b>	
Electrical conformity	CE
EN50131	Grade 2
Environmental class	II
	CA12.01483
Warranty	2 years

### • 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.