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KX15DC-WE
Two Way 868MHZ Radio KX 15m Digital Curtain PIR

- Fully Two Way Wireless
- Instant two way device control (ITDC)
- Dual element pyro-electric sensor
- Blue wave technology
- Sealed optics
- ABS plastics
- 868MHz Transceiver FM technology

Aspherical Lens

In the KX Series, the distance between the pyro-electric sensor and the lens is identical for each detection zone. This eliminates distortion and provides excellent focused zones.

In traditional detectors the lens is made in a flat form and bent into a cylinder. Therefore the distance between the pyro-electric sensor and the lens varies for each detection zone. This causes distortion and unfocused zones.

Compatibility

All Enforcer 868MHz High Security Peripherals are compatible with the Enforcer control panel, and Euro panels fitted with the EURO-ZEM32-WE radio zone expander.

Product Features

Features	Description
Instant two way Device Control (ITDC)	The ITDC technology enables instant wake up and instant sleep of each device on the system, allowing continuous communication between the control panel and wireless devices while preserving battery power. This technology not only provides installers with total control of each device, but also gives users peace of mind that they have a reliable and secure wireless system. - Ensuring that all wireless detection devices know when the system is armed and disarmed. - Ensuring that they are awake as soon as the system is armed.
Signal Strength Indicator (SSI)	One of the key advantages of implementing of the SSI technology is to allow the installer to view the wireless transmission signal strength on both the control panel and wireless devices in real time.
Two way Wireless Technology	Each wireless device on the Enforcer system, including movement detectors is a transmitter and a receiver. The wireless technology used on the Enforcer system holds a significant advantage over one way and some two way wireless products currently available on the market:
Sealed optics	Protects from possible infestation from insects, shields air movement in front of the pyro-electric sensor and protects against adverse reflections from inside the detector housing.
Blue wave technology	This technology further enhances the detector's immunity to infra-red noise in the environment. BWT comprises of 2 key components: 1). The new 3D optics system enables perfect focussing of the infra-red signal onto the pyro-electric sensor. This allows BWT to clearly identify the positive and negative signal edges. 2). Powerful software embedded into a microprocessor is used to process the received information from the pyro-electric sensor. The result of this combination is lower infra-red signal noise amplification and therefore better

	immunity.
ABS plastics	3mm polished finish, reduces electrostatic interference on the PIR sensor.
Pyronix High Security Wireless Protocol Encryption	The two way wireless protocol has been developed by Pyronix to ensure that the communication between all wireless system components is protected on a very high security level. The protocol uses the 128 BITS Pyronix advanced encryption key.



Lens Coverage



Technical Specification

BATTERY	
Battery life	Greater than 2 years

WIRELESS DEVICE	
Battery Type	3V CR123A Lithium Battery

ENVIRONMENTAL (WIRELESS DEVICE)	
Operating Temperature	-10
Storage Temperature	-20

TRANSMISSION	
Transmission Frequency	868MHz FM Transceiver Narrow Band
Transmission Method	Fully Encrypted Rolling Code
Transmission Range	300m Free Space

DETECTION	
Range	15m
Speed	0.3 - 3.0 m/s



Information

COMPLIANCE (click image to download certificate)	
Denmark	
EN Europe	
Finland	
Netherlands	
Norway	

PACKING INFORMATION	
Min Pack	1
Warranty	2 Years
Designed	UK



Downloads

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