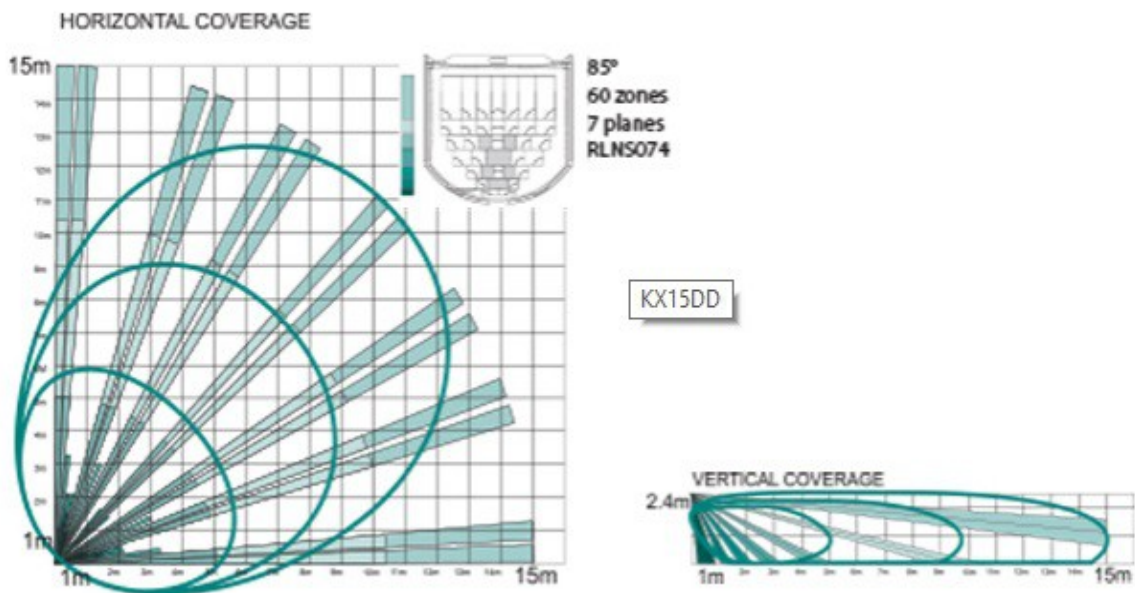


## KX15DD(GRADE 2) DIGITAL DUAL PIR DETECTOR

FEATURES	DESCRIPTION
15m Volumetric detector	15m Volumetric detection coverage. Ideal for protection of rooms, offices etc.
Selectable EOL resistors	The detectors incorporates selectable alarm resistor values of 6K8, 5K6, 4K7 & 1K & tamper values of 5K6, 4K7, 2K2 and 1K catering for most control panels on the market.
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 focusing 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.
Auto sensitivity feature	Depending on the environment condition, the detector will automatically adjust the sensitivity
Digital Temperature Compensation	When the product is used in a hot environment this technology digitally adjusts the detector's sensitivity allowing it to maintain its range even when the background room temperature is almost equal to the external body temperature of 32°C (internal body temperature = 37°C)
Tamper proof brackets	Supplied with both wall & ceiling mount brackets which provides access for up to two 8 core cables (Tamper kit optional)
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.
ABS plastics	3mm polished finish, reduces electrostatic interference on the PIR sensor.

### KX15DD



## TECHNICAL SPECIFICATION

<b>ELECTRICAL</b>	
Operating voltage	9-16VDC (12V nominal)
Current consumption - no alarm	11mA (12V nominal)
Current consumption - alarm	13mA (12V nominal)
Relay	Solid state
Relay output	60VDC, 50mA Protected
Tamper switch	12V max, 50mA max
RFI immunity to continuous wave (CW) 80-2000MHz	75 V/m
RFI immunity to amplitude modulation (AM) 80-2000MHz	25 V/m
RFI immunity to pulse modulation (PM) 80-2000MHz	25 V/m

<b>OPERATING FEATURES</b>	
Alarm period of	2.5 seconds
Detection speed	0.3 - 3m/s
Operating temperature	-30
Storage temperature	-40

<b>MOUNTING</b>	
Optimum coverage height	1.8-2.4m