

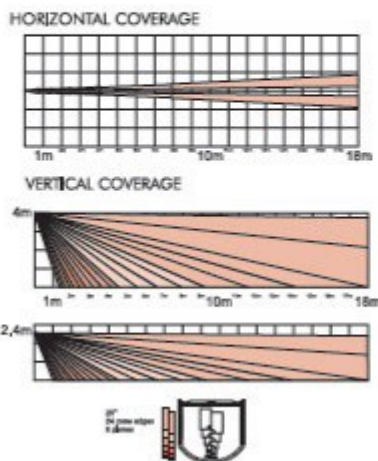
KX 18 EC PIR ANALOG DETECTORS

FEATURES	DESCRIPTION
18m Vertical curtain detector	18m Vertical curtain detection coverage. Ideal for protection of large windows areas
30m Long range detector	30m long range detection coverage. Ideal for long narrow areas or corridors
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.
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Patented Independent Floating Thresholds (IFT)	This technology patented by Pyronix allows the detector to respond to the environmental changes by automatically adjusting its levels of immunity to background disturbances.
Adjustable sensitivity settings	Adjustable sensitivity settings for installations in a any environment. (High/Low)
Automatic temperature compensation	When the product is used in a hot environment this technology automatically 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 32c
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.

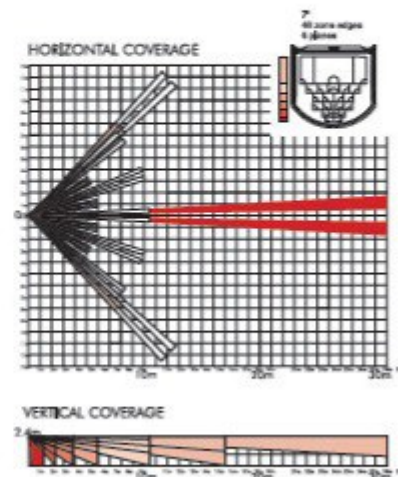
LENS COVERAGE

KX18EX

18m Vertical Curtain Lens
(KX18EC)



30m Long Range Lens
(KX18EC)



TECHNICAL SPECIFICATIONS

ELECTRICAL	
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	10 V/m
RFI immunity to amplitude modulation (AM) 80-2000MHz	10 V/m
RFI immunity to pulse modulation (PM) 80-2000MHz	10 V/m

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

OPTICAL	
White light filter	6500 Lux
Optics	Sealed
Lens	3 Dimensional
Protection	Ultraviolet Light Filter

MOUNTING	
Optimum coverage height	1.8-2.4m