One family for all your detection needs.

The KX Series comprising of 7 detectors in one common housing offers the ultimate in flexibility. Utilising the latest detection technologies, this extensive range with interchangeable pcb modules allows simple exchange or easy upgrading. No matter the application or environment, the KX series is the perfect choice.

KX Series
One Family for all
your detection needs

EN50131-1
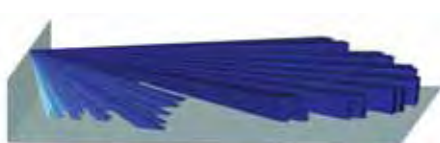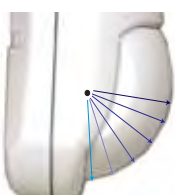Grade 3 Compliance

EN50131-1
Grade 2 Compliance

Selectable End of Line (EOL) Resistors

The KX Series has on-board 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. When using the KX Series in-built EOL resistors, installation is kept to a minimum, no awkward wiring or checking resistor colour codes. Simply move the header links supplied to the resistor values required. The KX Series even has the flexibility to still be wired as conventional normally closed loops.

Selectable End of Line (EOL)

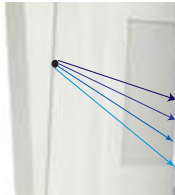| Selectable Alarm Resistor Values		Selectable Tamper Resistor Values	
6K8 Ohm	6K8	5K6	5K6 Ohm
5K6 Ohm	5K6	4K7	4K7 Ohm
4K7 Ohm	4K7	2K2	2K2 Ohm
1K Ohm	1K	1K	1K Ohm

KX Aspherical Lens

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

Competitor Lens

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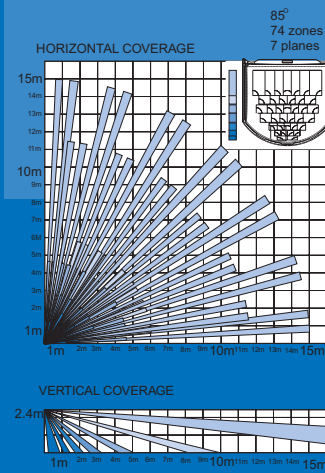
Common features

- Selectable EOL (End of Line) Resistors
- Patented Independent Floating Thresholds (IFT)
- Aspherical Lens
- Tamper Proof Brackets
- Multi-angular LED Identification
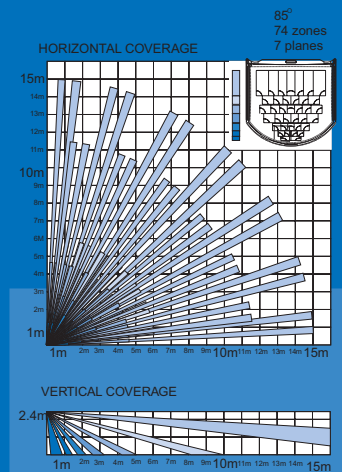
KX15ED
Dual Element PIR Detector
- 15m Volumetric coverage
- Automatic Temperature Compensation

HORIZONTAL COVERAGE

85°
74 zones
7 planes

VERTICAL COVERAGE

KX15DQ
Digital Quad Blue Wave Technology PIR Detector

- Blue Wave Technology
- 15m Volmetric coverage
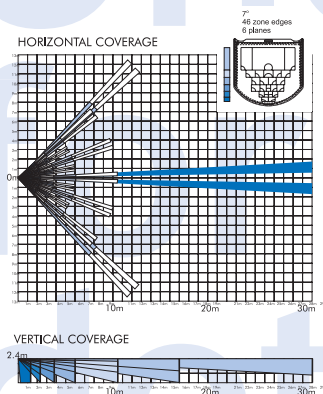- Digital Temperature Compensation
- Selectable NO or NC Relay

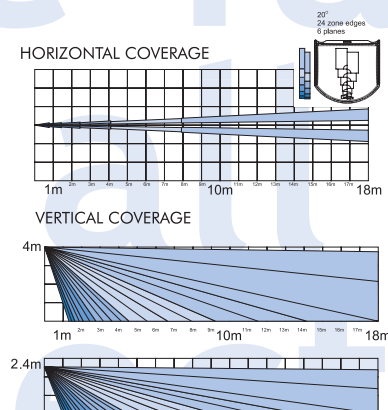HORIZONTAL COVERAGE

85°
74 zones
7 planes

VERTICAL COVERAGE

KX Series
One family for all your detection needs

KX SERIES
KX SERIES

EN50131-1
Grade 2 Compliance

30m Long Range Lens

HORIZONTAL COVERAGE

7°
46 zone edges
6 planes

VERTICAL COVERAGE

18m Vertical Curtain Lens

HORIZONTAL COVERAGE

20°
24 zone edges
6 planes

VERTICAL COVERAGE

KX18DC
18m Blue Wave Technology Curtain PIR Detector

Supplied with 2 lenses:
18m Vertical Curtain
30m Long Range

- Solid Vertical Curtain Detector
- Dual Element Pyro-electric Sensor
- Vertical Curtain Coverage up to 18m
- Long Range Coverage up to 30m
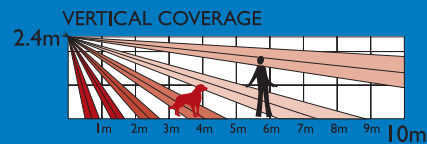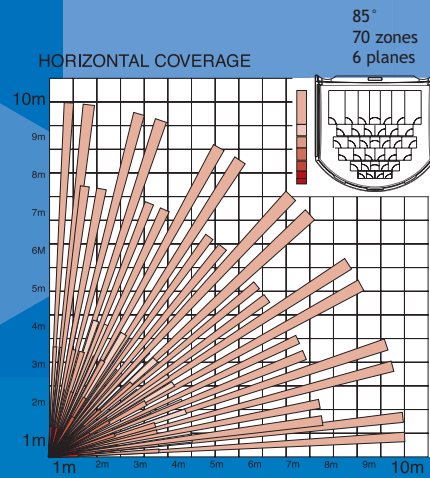- Digital Temperature Compensation
- Selectable NO or NC Relay

KX10PI
Dual Element Pet Imune Detector
- Selectable EOL (End of Line) Resistors
- Immunity up to 24kg animal
- Dual Element Pyro-electric Sensor
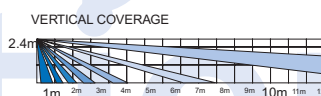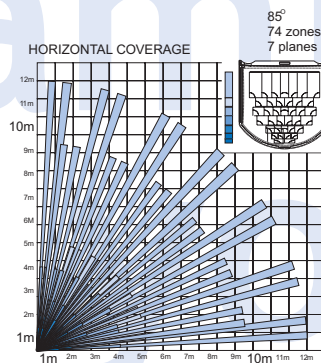- 10m Fixed detection range

HORIZONTAL COVERAGE

85°
70 zones
6 planes

10m
9m
8m
7m
6M
5m
4m
3m
2m
1m

1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

VERTICAL COVERAGE

2.4m

1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

KX Series
One family for all your detection needs

EN50131-1
Grade 2 Compliance

KX15DT
Dual Element Blue Wave Technology Combined PIR and Microwave Detector
- Selectable EOL (End of Line) Resistors
- Dual Element Pyro-electric Sensor
- 15m Detection Range
- Digital Temperature Compensation
- Triple LED Indication
- Frequency Options
- X-band DRO Based Microwave

HORIZONTAL COVERAGE

85°
74 zones
7 planes

15m
14m
13m
12m
11m
10m
9m
8m
7m
6m
5m
4m
3m
2m
1m

1m 2m 3m 4m 5m 6m 7m 8m 9m 10m 11m 12m 13m 14m 15m

VERTICAL COVERAGE

2.4m

1m 2m 3m 4m 5m 6m 7m 8m 9m 10m 11m 12m 13m 14m 15m

HORIZONTAL COVERAGE

85°
74 zones
7 planes

12m
11m
10m
9m
8m
7m
6M
5m
4m
3m
2m
1m

1m 2m 3m 4m 5m 6m 7m 8m 9m 10m 11m 12m

VERTICAL COVERAGE

2.4m

1m 2m 3m 4m 5m 6m 7m 8m 9m 10m 11m 12m
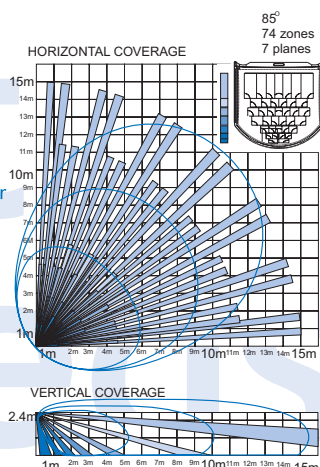

KX12DW
12m Digital Wireless Blue Wave Technology PIR Detector
- Dual element Pyro-electric Sensor
- 12m detection range
- Radio Wave Indication feature
- 868MHz operating frequency – narrow band
- Rolling code technology
- All transmissions are fully encrypted
- Transceiver (2-way) technology
- SAW filter for increased interference resilience
- 300m range in free space
- 3.6V lithium battery
- Up to 5 year battery life
- Interchangeable lenses for volumetric, curtain & long range uses
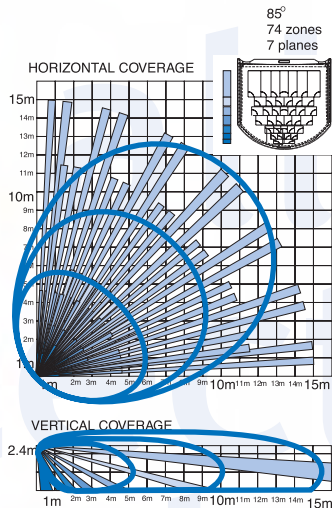- Front and rear tamper (optional back tamper kit)

KX Series
One family for all
your detection needs

3

85°
74 zones
7 planes

HORIZONTAL COVERAGE

15m
14m
13m
12m
11m
10m
9m
8m
4m
3m
2m
1m 2m 3m 4m 5m 6m 9m 10m 11m 12m 13m 14m 15m

VERTICAL COVERAGE

2.4m
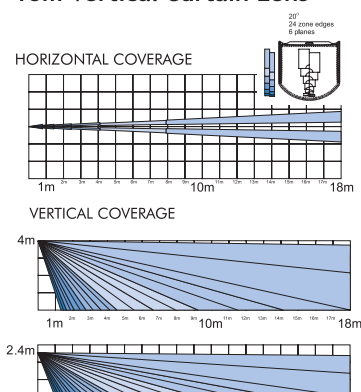1m 2m 3m 4m 5m 6m 7m 8m 9m 10m 11m 12m 13m 14m 15m

KX15DTAM

3 in 1 Product
Supplied with 3 lenses:
15m Volumetric
18m Vertical Curtain
30m Long Range

- Unique Patented Anti-Masking Detection
- Selectable 15m Volumetric Dual Technology,
  18m Vertical Curtain PIR or 30m Long Range PIR
- 0-1m Adjustable Mask Detection
- Selectable Mask Security ode
- Anti-Block Technology
- Active Self Test
- AND/OR Technology

18m Vertical Curtain Lens

20°
24 zone edges
6 planes

HORIZONTAL COVERAGE

1m 2m 3m 4m 5m 6m 7m 8m 9m 10m 12m 13m 14m 15m 16m 18m

VERTICAL COVERAGE

4m
1m 2m 3m 4m 5m 6m 7m 8m 9m 10m 11m 12m 13m 14m 15m 16m 17m 18m

2.4m

30m Long Range Lens

7°
46 zone edges
6 planes

HORIZONTAL COVERAGE

18m
11m
10m
9m
8m
7m
6m
5m
4m
3m
2m
0m
2m
3m
4m
5m
6m
7m
8m
9m
10m
11m
12m
13°
1m 2m 3m 4m 5m 6m 7m 8m 9m 10m 11m 12m 13m 14m 15m 16m 20m 21m 22m 23m 24m 25m 26m 30m 37m

VERTICAL COVERAGE

2.4m
1m 2m 3m 4m 5m 6m 7m 8m 9m 10m 11m 12m 13m 14m 15m 16m 17m 18m 19m 20m 21m 22m 23m 24m 25m 26m 30m 35m

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