

Disc Miniature 360° ceiling mount detectors

The Disc family represents the smallest 360° ceiling-mount detectors available today. Boasting a miniature size of 8.6cm (3 3/8 inches), Disc detectors provide a uniform professional look throughout the installation and blend inconspicuously into any décor. Easily installed on any ceiling, the Disc detectors deliver industry-leading performance sensitivity and long-term reliability.

Benefits

- ▶▶ PIR or dual technology models with one uniform professional look
- ▶▶ Miniature design, 8.6cm (3 3/8 inches) diameter
- ▶▶ Blends seamlessly into any décor
- ▶▶ 360° detection pattern
- ▶▶ Industry-leading reliability and false alarm immunity
- ▶▶ Complies with international standards
- ▶▶ Energy management model available (see page 13)

Features

- ▶▶ Selectable pulse / event counter
- ▶▶ Adjustable sensitivity (Duo 240)



Applications:

Residential and light commercial

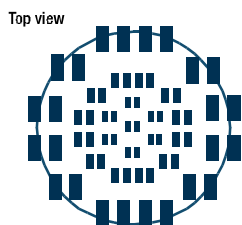
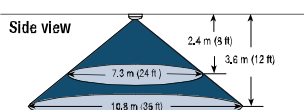
Patented Technologies

(read more on pages 19-24)

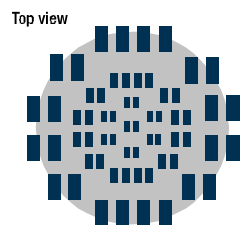
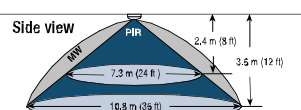
- ▶▶ True Motion Recognition (TMR™) processing with 1 or 2 selectable "event verification" channels for superior false alarm protection (Duo 240)
- ▶▶ State-of-the-art microwave DRO patented technology utilizing Digital Signal Processing (Duo 240)
- ▶▶ Protected under US patents: 5,237,330; 5,693,943; 6,037,902 and other international patents and patent applications

Model	Type	Harsh Envir. Resistance	Catalog Number
Disc	PIR ceiling mount	Standard	0-1110-0
Duo 240	Dual technology ceiling mount	++	0-1826-0

Disc



Duo 240



Operating Voltage:	9 to 15 VDC
Standby Current Drain:	Disc 15mA at 12VDC Duo 240 30mA at 12VDC
Alarm Output:	100mA, ~18Ω ON resistance
Microwave Freq.(DUO Models):	2.45 GHz standard 10.525 GHz optional
RFI Protection:	Greater than 15V/m (up to 1000 MHz)
Adjustable Sensitivity:	1 or 2 motion events
Operating Temperature:	-10°C to 49°C (14°F to 120°F)
Dimensions (diam. x H):	86 x 24mm (3 3/8 x 1 5/16")
Mounting Height:	up to 3.6m (12ft)