

Discovery™ One uniform look for every professional installation

The Discovery family provides professionals with all the detection solutions they require in a uniform, attractive yet robust housing. Discovery is ideal for environments requiring pet immunity, true quad reliability, dual technology or anti-masking solutions. Professionals rely on Discovery to provide the best and most reliable solutions, while ensuring a uniform look throughout the protected property.

Benefits

- ▶ Wide range of detection solutions in one uniform professional look
- ▶ Exceptionally reliable and immune to false alarms
- ▶ 3D multiple curtain coverage with no dead zones
- ▶ Sealed Optics – protects from insects and air currents
- ▶ Durable and elegant design
- ▶ Meets European EN50131-2 and other international standards

Features

- ▶ Integral swivel bracket for ceiling and wall mounting
- ▶ White light and UV protection
- ▶ Microprocessor-controlled temperature compensation
- ▶ Adjustable sensitivity for PIR and MW

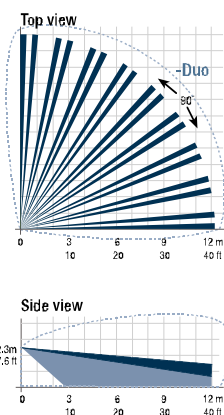
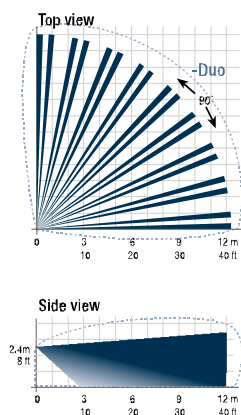
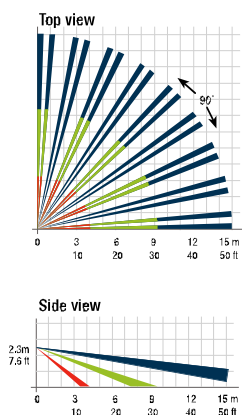
Model	Type	Harsh Envir. Resistance	Catalog Number
DISCOVERY PIR	PIR	Standard	0-1250-0
DISCOVERY QUAD	Quad (twin channel)	+++	0-1260-0
DISCOVERY K9-80	Pet tolerant PIR*	+	0-1270-0
DISCOVERY DUO K9-80	Dual technology / Pet tolerant PIR*	+++	0-1834-0
DISCOVERY DUO	Dual technology	++	0-1836-0
DISCOVERY DUO / AM	Dual technology / Anti-Masking	++	0-1838-0

*For animals weighing up to 35 kg (80lb)

Discovery PIR
Discovery QUAD

Discovery K9-80
Discovery DUO K9-80

Discovery DUO
Discovery DUO / AM



Applications:

Light commercial and 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 (QUAD & DUO models)
- ▶ 3D cylindrical optics with Target Specific Imaging (TSI™) for true volumetric no "dead" spots detection (K9 & DUO models)
- ▶ Advanced anti-masking and self-test "Motion Simulation" to detect malfunction and attempts to defeat the detector (DUO/AM model)
- ▶ State-of-the-art microwave DRO patented technology utilizing DSP Digital Signal Processing (DUO models)
- ▶ Protected under US patents: 5,237,330; 5,693,943; 5,936,524; 6,037,902; 6,211,522; and other international patents and patent applications

Operating Voltage:	9 to 16 VDC
Standby Current Drain:	10mA at 12VDC 26mA at 12VDC (DUO models)
Alarm Output:	up to 100mA, ~18Ω ON resistance
Microwave Freq.(DUO Models):	2.45 GHz standard 10.525 GHz optional
RFI Protection:	Greater than 30V/m (up to 1000MHz)
Adjustable Sensitivity:	1 or 2 motion events
Operating Temperature:	10°C to 50°C (14°F to 122°F)
Dimensions (H-W-D):	117 x 65 x 47mm (4 5/8 x 2.9/16 x 1 7/8")
Mounting Height:	up to 3.6m (12 ft)
Mounting Accessories:	BR-1, BR-2, BR-3 see page 18