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

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Harsh Envi. Resistance</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>DISCOVERY PIR</td>
<td>PIR</td>
<td>Standard</td>
<td>0-1250-0</td>
</tr>
<tr>
<td>DISCOVERY QUAD</td>
<td>Quad (twin channel)</td>
<td>+</td>
<td>0-1260-0</td>
</tr>
<tr>
<td>DISCOVERY K9-80</td>
<td>Pet tolerant PIR*</td>
<td>+</td>
<td>0-1270-0</td>
</tr>
<tr>
<td>DISCOVERY DUO K9-80</td>
<td>Dual technology / Pet tolerant PIR*</td>
<td>+</td>
<td>0-1834-0</td>
</tr>
<tr>
<td>DISCOVERY DUO</td>
<td>Dual technology</td>
<td>+</td>
<td>0-1836-0</td>
</tr>
<tr>
<td>DISCOVERY DUO / AM</td>
<td>Dual technology / Anti-Masking</td>
<td>+</td>
<td>0-1838-0</td>
</tr>
</tbody>
</table>

*The animals weighing up to 34 kg (75 lbs)

Discovery PIR
Discovery QUAD
Discovery K9-80
Discovery DUO K9-80
Discovery DUO
Discovery DUO / AM

Patented Technologies
(Read more on pages 18-24)
- True Motion Recognition (TMR™) processing with 1 or 2 selectable "event verification" channels for superior false alarm protection (Duo & Duo model)
- 3D cylindrical optics with Target Specific Imaging (TSI™) for true volumetric no "dead spots" detection (K9 & Duo model)
- Advanced anit-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 model)
- Protected under US patents: 5,237,330; 5,953,943; 5,935,534; 6,037,909; 6,271,529, and other international patents and patent applications

Operating Voltage: 9 to 16 VDC
Standby Current Drain: 10mA at 12VDC
20mA at 12VDC (Duo model)
Alarm Output: up to 100mA, – 14Ω (2N resistors)
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 60°C (14°F to 122°F)
Dimensions (H-W-D): 11.2 x 8.5 x 4.7mm
(4.4 x 2.6 cm x 0.2 in)
Mounting Height: up to 3.0m (12 ft)
Mounting Accessories: BR-1, BR-2, BR-3 see page 18