

# Versatility PLUS!



**encore**

SWIVEL-MOUNT PIR MOTION DETECTOR

TM

DSC's Encore PIR motion detector provides unparalleled versatility, plus contemporary styling and proven detection technology.

The Encore Series introduces an exciting new look to DSC's extensive offering of PIR detectors. Its clean lines, sleek styling and tremendous installation flexibility mean that Encore detectors can be configured to fit discreetly into any environment. Add to this the choice of models with or without pet immunity, and you can see that there is a Encore model available to suit virtually any PIR installation.

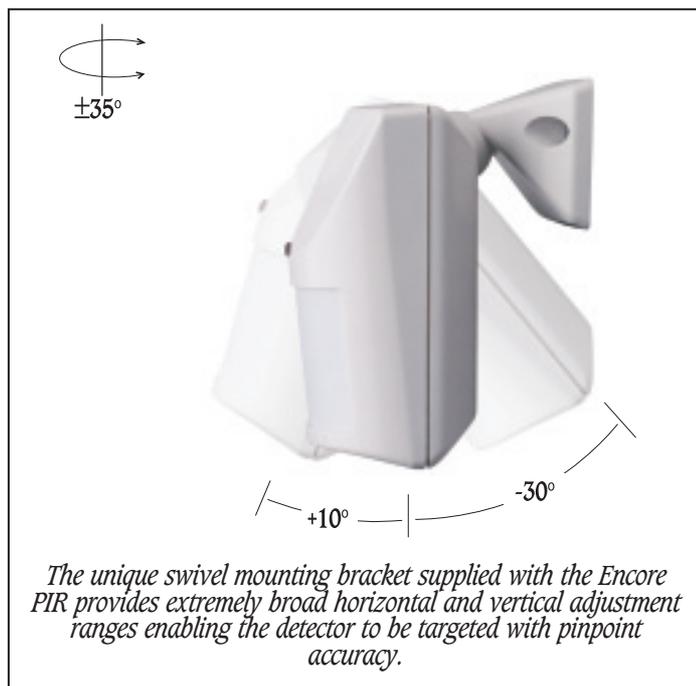
### Advanced Technology

Encore detectors feature technology, an on-board microprocessor, patented Multi-level Signal Processing (MLSP), powerful software and two auto-selecting operating parameters. This advanced technology enables Encore PIRs to provide a higher level of catch performance and false alarm immunity even in challenging, high temperature environments. Where pet immunity is required, the Encore Pi PIR is available with pet immunity for single or multiple pets up to a total weight limit of 60 lbs (27.3kgs).

### Versatile Housing

The Encore detector's housing has been designed to provide the ultimate in detector location and installation flexibility. For simple installations Encore PIRs can be mounted without the bracket in the conventional manner, either on a wall or in the corner of a room. In more challenging applications the wall/ceiling swivel mounting bracket provided with the Encore detector opens up a whole new realm of installation possibilities.

When mounted with the bracket the Encore detector has a  $\pm 35^\circ$  horizontal adjustment as well as a  $-30^\circ$  to  $+10^\circ$  vertical adjustment, giving it one of the largest adjustment ranges in the industry. This flexibility makes it possible to physically locate the detector in more convenient or less visible locations and then aim it at the area to be protected. Some applications that are ideal for bracket-mounted detectors include protecting stairways, protecting entry points on adjoining walls or spot protection from the ceiling.



The fixing mechanism for the bracket assembly provides ease of movement during the alignment process yet ensures firm positioning of the detector once the assembly nut is tightened securely.

The bracket has another unique feature: a built-in wire channel so that exposed wiring is eliminated, providing for a more secure and esthetically pleasing installation.

	ANALOG	Digital	
MODELS	ENCORE	ENCORE	ENCORE Pi
Form 'A' Alarm Contact	EC-300	EC-300D	EC-300DP
Form 'A' Alarm Contact & Tamper	EC-301	EC-301D	EC-301DP
Form 'C' Alarm Contact & Tamper	EC-302	EC-302D	EC-302DP

### Specifications

Operating Voltage	9.5VDC-14.5VDC
Supply Voltage Ripple	3.0V PP @ 12VDC
Standby Current	15mA
Current in Alarm	18mA
Contact Rating	100mA @ 24VDC
Alarm Contact Resistor in Common	10 Ohm, 0.25W
Operating Temperature	32°F - 122°F (0°C - 50°C)
Storage Temperature	-40°F - 140°F (-40°C - 60°C)
Operating Humidity	5 - 95% RH non cond.
Storage Humidity	Up to 99% RH non cond.
RF Immunity	10 V/m plus 80% AM from 80 MHz - 1 GHz
Static Immunity	8kV contact, 15kV air
Transient Immunity	2.4 kV @ 1.2 joules
Walk Detection Speed	0.5 - 10' /sec (0.15 - 3.0m /sec)
Coverage Angle (BV-L1-UV)	90° minimum (Pi model 75° minimum)
Vertical Adjustments (Bracket)	+10° to -30°
Mounting Heights	6-10.5/1.8-3.2m (nominal 7.5/2.3m) BV-L1, L2, L3-UV 4-5/1.2-1.5m BV-L4-UV (Pi model 7.5' (2.3m))