

Wired Outdoor Detectors

Comparison Table

	MRX-300	EDS-2000AM	EDS-3000	D&D
Detection Type	DOUBLE DUAL Element PIR & MW Mirror Optics Based	PIR & MW Optical AM	Double Optics PIR & MW	DOUBLE DUAL Element PIR
Detection Range (meters)	20m with WA Lens 40m with LR Lens	15m with WA Lens 30m with LR Lens	15	15m with WA Lens 30m with LR Lens
Pulse Count	Yes, Adjustable	Yes, Adjustable	Yes, Adjustable	Yes, Adjustable
Pet Immunity	Up to 25kgs	Up to 25kgs	Up to 35kgs	Up to 25kgs
PIR Adjustment	✓			
MW Adjustment		✓		N/A
Temp Compensation	✓			
Power Input	9.6-16 Vdc			
Current Draw (± 5%)	Start-up: 28mA ± 3mA Standby: 23mA ± 3mA Active: 20mA ± 3mA	Active: 24mA (±5%) Standby: 21mA (±5%)	Active: 24mA (±5%) Standby: 21mA (±5%)	Active: 24mA (±5%) Standby: 21mA (±5%)
Alarm Output	Form C (NC,NO, Common) 28VDC 0.1 A with 270hm series protection resistor			N.C. 100mA @ 24 Vdc (10Ω line resistor FormA)
Tamper Switch	Opening and Removal - N.C 28VDC 0.1A with 10 Ohm series protection resistor			
Operation Temperature	-20°C to +55°C			
Warm Up Period	120 sec (Max)			
Alarm Period	2 sec (± 1 sec)			
LED Indication	Yellow in Warm Up Yellow MW Channel Green PIR Channel Red in Alarm	Green PIR Channel Yellow MW Channel Red in Alarm	Green PIR Channel Blue MW Channel Red in Alarm	Red in Alarm
RFI Protection	30V/m 10 - 1000MHz	10 V/m plus 80% AM from 80 MHz to 2GHz		≥30 V/m@10-1000 MHz
EMI Protection	50,000V of electrical interference	6kV contact, 8kV air		50,000V of electrical interference
Dimensions (mm)	192 x 153 x 251	160 x 70 x 45	200 x 86 x 80	135 x 85 x 43.4
Weight (grs)	550	210	500	150
IP Rating	IP 65	IP 65	IP 65	IP 65
Part Number	0018443	0012960	0012901	0010431
EN50131	Grade 2	Grade 3	Grade 2	Grade 2