

Can you tell the difference?



Mercury EL-5000 can too!



The Mercury 5000 series animal immune detectors use digital technology to actually look at objects in the protected area and positively recognise them.

They are able to tell the difference between an animal and a human over full multiple zone coverage right down to floor level. The Mercury 5000 series detectors are installed as simply as any other PIR. The difference is the Mercury can recognize and ignore animals.

No microwave, no masked lens, no tricky installation just digital immunity. Can you tell the difference?

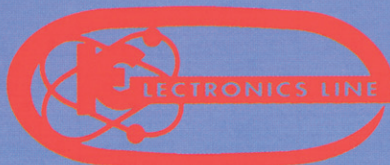
Mercury EL5000 - Animal immunity to 25lbs

Mercury EL5100 - Animal immunity to 50lbs

Mercury EL5200 - Animal immunity to 100lbs



ANIMAL INTELLIGENT



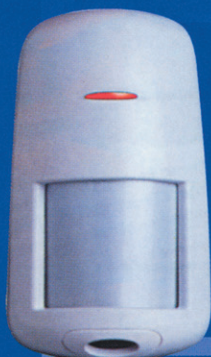
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The Mercury Line - A revolution in Passive Infrared Detection Technology

Mercury has it covered

The Mercury Range is quite simply the most technically advanced family of Passive Infrared Detection Devices to be found today and includes the following models in the distinctive Mercury housing.



Mercury Standard PIR EL-100



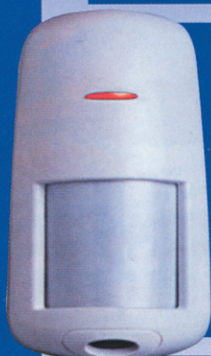
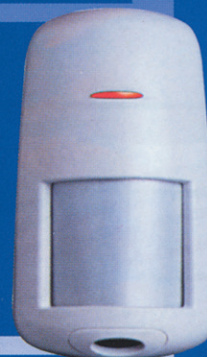
- 100 S Standard lens
- 120 S Standard lens with super immunity

Mercury EL-100: Ideally suited for standard commercial and residential applications. The *Stellar look-down 'anti creep' field of view, deters clandestine intrusion, while the lens choice offers various patterns, ranges, and angles to suit specific applications.

Mercury Quad EL-400

- 400 S Standard lens
- 420 S Standard lens with super immunity

Mercury EL-400: Available to counter the effects of hostile environmental disturbances by the addition of Electronics Line 'True Quad' technology. Ideally suitable for offices, trade counters etc.



Mercury Adaptive Temperature Comp. EL-500



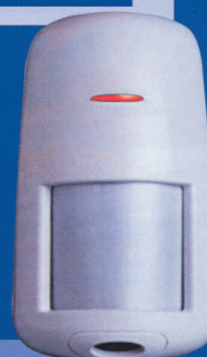
- 500 S Standard lens
- 520 S Standard lens with super immunity

Mercury EL-500: *Stellar Adaptive Temperature Compensation has drastically reduced the possibility of false activations associated with high operating temperatures up to 60°C (140°F). Ideally suitable for conservatories etc.

Mercury Microprocessor Controlled EL-1000

- 1000 S Standard lens

EL-1000: The internal microprocessor provides a range of digital capabilities including Adaptive Interval Pulse Count, Adaptive Temperature Compensation and Stellar Self Test. Ideally suitable for warehouses, store rooms etc.



All models are available with a super immunity package giving RFI immunity of 60V/m & white light immunity to 12000 lux.

Comparative feature chart

	Mercury EL-100	Mercury EL-400 Quad	Mercury EL-500 ATC	Mercury EL-1000 Digital	Mercury EL-5000 Animal Pet 25 lbs	Mercury EL-5100 Animal Pet 50 lbs	Mercury EL-5200 Animal Pet 100 lbs
Standard Range	50x50ft 15x15m	50x50ft 15x15m	50x50ft 15x15m	50x50ft 15x15m	35x35ft 11x11m	35x35ft 11x11m	35x35ft 11x11m
Operating Voltage	9 -16 Vdc	9 -16 Vdc	9 -16 Vdc	9 -16 Vdc	9 -16 Vdc	9 -16 Vdc	9 -16 Vdc
Current Consumption Standby	10 mA	17 mA	10 mA	17 mA	17 mA	17 mA	17 mA
Alarm Duration	1 sec min	1 sec min	1 sec min	2 sec min	2 sec min	2 sec min	2 sec min
Adaptive Interval Pulse Count	■	■	■	■	■	■	■
Pulse Count Options	1,2 or 3	1,2 or 3	1,2 or 3	1 or 2	1 or 2	1 or 2	1 or 2
Sensor	Dual Element	Quad Element	Dual Element	Dual Element	Dual Element	Dual Element	Dual Element
Immunity	40 V/m to 1 GHz 1200 lux	40 V/m to 1 GHz 1200 lux	40 V/m to 1 GHz 1200 lux	40 V/m to 1 GHz 1200 lux	40 V/m to 1 GHz 1200 lux	40 V/m to 1 GHz 1200 lux	40 V/m to 1 GHz 1200 lux
Operating Temperature	-4° to 140°F	-4° to 140°F	-4° to 140°F	-4° to 140°F	-4° to 140°F (4° to 140°F UL Installations)	-4° to 140°F (4° to 140°F UL Installations)	-4° to 140°F (4° to 140°F UL Installations)