

RADIOVISOR DETECTOR RANGE

ACTIVE INFRA-RED MULTI-BEAM

The MB Series Multi-Beams are the latest additions to the RV range of infra-red detectors. They provide the ideal, cost-effective solution for external detection situations where the utmost reliability and freedom from false alarms is of paramount importance.

The new beams are able to detect over specific distances and are available in the following ranges: 30, 60, 100, 150 and 200 metres.

Multi-beam path optics significantly reduce setup time, whilst the very latest integral electronic test alignment feature assists the installer to ensure optimum product performance.

All MB Series beams can be synchronised to ensure that the receiver unit only responds to its own particular transmitter unit. This feature eliminates the possibility of crosstalk problems and allows beams to be stacked. All receivers also feature adjustable beam response from 30mS to 300mS.



Available to suit specific zone distances.

Optional system module to give fault or pre-alarm output for fog or dirty lenses.

Electronic alignment feature saves on installation time.

Stackable for multi-barrier applications.

Wall/post mounting brackets included.

High immunity to sun and artificial light.

Adjustable optics.

12vdc or 24vdc operation
Integral heater's.



RV LIMITED

SPECIFICATION	MB-30	MB-30/SP	MB-60	MB-60/SP	MB-100	MB-100/SP	MB-150	MB-150/SP	MB-200	MB-200/SP
Min. Range	0.5M									
Max. External Range	30M	30M	60M	60M	100M	100M	150M	150M	200M	200M
Max. Internal Range	45M	45M	90M	90M	130M	130M	180M	180M	250M	250M
Transmitted Angle	5°									
Received Angle	5°									
Horizontal Adjustment	180°									
Vertical Adjustment	40°									
Heater Current (TX 12V)	125mA									
Heater Current (RX 12V)	125mA									
Beam width	40mm									
IR. Wave Length	880nm									
Operating Voltage	DC ONLY : 10.5V to 15V or 23V to 29V (Reverse Polarity Protected)									
TX Current (Amps) (12v)	18mA									
RX Amps Quiescent (12v)	50mA									
Rx Amps in Alarm (12v)	30	95	30	95	30	95	30	95	30	95
Backplate Construction	Mild steel box section: Zinc Pass finish									
Filter Material	Black Acrylic (cover)									
IP Rating	IP54									
Temperature Range	-20 to +50°C									
Relative Humidity	10% - 90%									
Height	400mm									
Width	100mm									
Depth	100mm									
Weight per set	4kg									
Response Time	30mS - 300ms (Factory set to B.S.)									
Alarm Dwell	800ms									
Alarm Relay	24V 1.0A									
Tamper Switch	12V 0.1A									
Integral (SPM) System	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES
Performance Monitor	N/A	24Vdc 1A	N/A	24Vdc 1A	N/A	24Vdc 1A	N/A	24Vdc 1A	N/A	24Vdc 1A
Cable Entry Size	4 - 7MM									
Synchronisation	YES									