

technical specification

AVAILABLE OPTIONS

PRODUCT

Transmitter

MV0001
MV0003
MV0004

Receiver

Microvision Receiver

	1.394 GHz	2.4 GHz	Colour	Mono	Audio	Alarm Trigger	External antenna connector	Dimensions	Weight	Power Req'd 12v - 14dc @ mA
MV0001	✓	✓	✓	✓	✓	✓	✗	255x180x155	4.2Kg	500
MV0003	✓	✓	✓	✓	✓	✓	✓	255x180x155	4.2Kg	500
MV0004	✓	✓	✓	✓	✓	✓	✓	255x180x155	4.2Kg	500
Microvision Receiver	✓	✓	✓	✓	✓	✓	✓	255x180x155	4.2Kg	500

All transmitters provide 1v P-P composite video output into 75ohms. All kits are supplied with transmitter, receiver, 2 x poles, 2 x wall brackets, clamps. R.F. Power output up to 500mW @ 1.394GHz, 10mW @ 2.4GHz. The standard antennae provided are as follows:

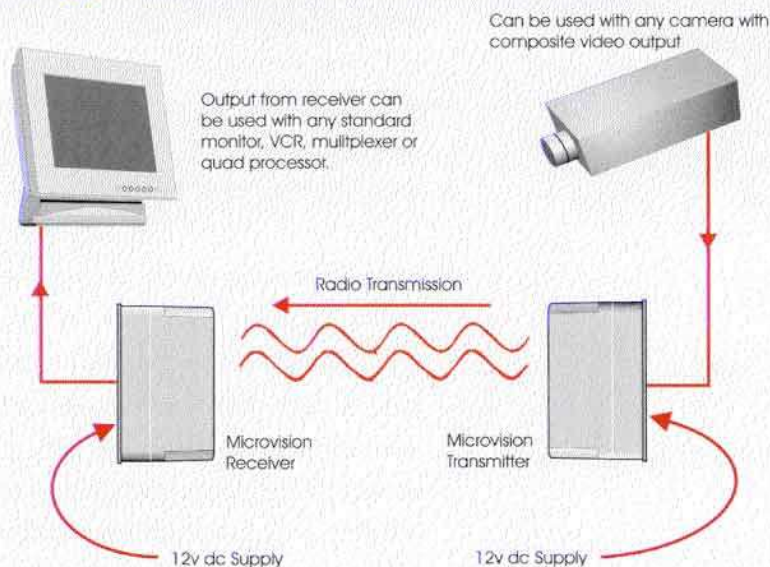
- MV0001: Integral
- MV0003: High gain panel or Yagi antenna
- MV0004: High gain dish antenna

other options

Telemetry Options

The Microvision system can be used, in conjunction with the MEL Telemetry Link, to control fully functional PTZ or dome cameras on wireless links. Telemetry systems using 20mA loop, RS232 and RS485 interfaces are compatible with the Mel Telemetry Link.

how the system works



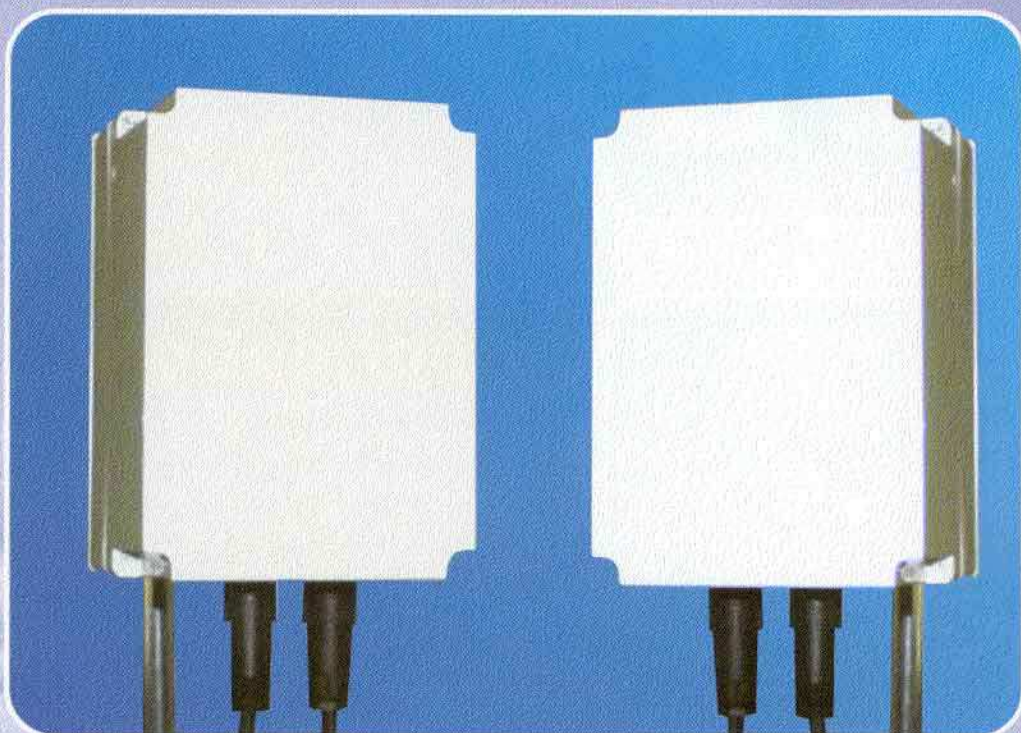
Technical Support

Technical Support is available from MEL if advice is required when planning the system and choosing antenna for your individual needs.



microvision link

wireless video transmission



- High resolution transmission in colour or monochrome
- Rapid installation
- Up to 8 real time channels available
- Audio and alarm trigger options
- Ranges to over 4km (subject to site conditions and antenna)
- 12 volt dc operation
- Flexible and simple to install
- International licence exempt frequencies

Microvision links are a range of wireless video products which allow professional security installers to transmit video, audio and alarm signals wirefree over distances of up to 4km. Microvision offers ease of installation in many different applications, particularly where the laying of cables would cause major disruption and involve high costs or for temporary installations such as building sites. Using the 1.394 GHz UK licence exempt frequency and the international licence exempt frequency of 2.4 GHz, the Microvision link offers an efficient, low cost solution to users.

Microvision transmitters and receivers are self-contained units requiring only a 12 volt supply allowing any composite video input to be transmitted to the receiver, which can then be connected to any standard CCTV control equipment. In line of sight installations the distance between transmitter and receiver can be up to 1000m. For longer transmission distances or where the terrain may cause transmission problems, receivers with high gain antennae are available.



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