



MiniMavis TI

Portable Remote Thermal Imager Surveillance System

Features

- Un-cooled Solid-State Thermal Imager
- Small, Lightweight and Rugged
- Portable Tripod Mounted Camera
- Wireless, up to 5km Range
- 12v Battery Operated
- Choice of 120mm or 150mm Lenses
- Wired or Wireless Link (Analogue or COFDM)
- Matching Day/Night Video Camera
- Low Power Consumption

Description

The MiniMavis TI is a portable lightweight un-cooled thermal imager system, designed for rapid deployment use, which can be tripod mounted or fitted to vehicles. The thermal imager is available with a choice of lens, although the 150mm F1 is the standard for intruder detection out to 1500m.

The system is designed to work as a wired system, where the control TeleCase is connected to the camera using a cable, or as a wireless system, where the pictures are transmitted over an analogue or digital microwave link to the TeleCase with control via a reverse radio link.

Applications

The system is ideal for rapid deployment force protection, border surveillance, IP protection and asset protection.

Options

- Colour/monochrome day/night camera
- Preset position
- Analogue or COFDM microwave links
- Choice of lenses: 90mm, 120mm or 150mm

Accessories

- TeleCase
- Tripod
- Solar Panel
- Long-life battery

Specifications

Thermal Imager

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|-------------------------|------------------------------|
| Sensor: | Un-cooled FPA microbolometer |
| Pixels: | 320 (H) x 240(V) (PAL) |
| Pitch: | 35µm |
| Sensitivity: | <0.080°K |
| Focus: | Electronic |
| System: | PAL or NTSC |
| Output: | PAL 1v p-p, (YC optional) |
| Lens: | 150mm FoV 6° x 4° |
| F Stop: | F1 |
| Detection Range: | Person: >1500m |

System

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|------------------------------|--|
| Pan/Tilt: | Variable speed DC |
| Tripod: | Lightweight aluminium 1.5m |
| Battery Pack: | 24AH SLA |
| Control/Video Cable: | 25m video/signal |
| TeleCase: | Remote control case with 10" screen (see separate data sheet) |
| Radio Control Option: | Digital radio for control plus option of FM analogue or COFDM digital for video back to case |