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**Security
Products
Division**

Mini TIU Thermal Surveillance Camera

Mini TIU is a compact thermal-imaging camera designed for use in 24-hour surveillance systems where detection is essential.

Available in two models, wide and narrow, Mini TIU represents a breakthrough in CCTV. Mini TIU can be installed as part of a new or existing CCTV system and is compatible with all ancillary equipment including receivers, multiplexers and pan and tilt systems.

At a cost unheard of before now it is possible to install a high tech solution to the problem of true day night surveillance.



Applications

- ◆ Perimeter Surveillance
- ◆ Customs
- ◆ Border Control
- ◆ Law Enforcement
- ◆ Portable Crowd Surveillance
- ◆ Outdoor Event Security
- ◆ Diplomatic and VIP Security



Mini TIU Thermal Surveillance Camera Technical Specifications

Specification

| | |
|-----------------------|--|
| Focal plane array- | Amorphous Silicon Bolometer |
| Resolution - | 160 x 120 pixels |
| Spectral response - | 7-14 microns |
| Thermal sensitivity - | ≤/ 100mK |
| Start up time | 5 sec |
| Contrast/brightness - | automatic |
| Detection Range - | 8.5mm lens 90m (FOV 35 degrees v) 25mm lens 305m (FOV 12 degrees v) |
| Video output - | PAL (NTSC on request) |
| Input voltage - | 12Vdc |
| Consumption - | 1.2 w |



Physical Characteristics

Mini TIU is housed in an environmental housing designed for external use. It can fit directly to and pan and tilt unit and requires simple cabling directly or via a telemetry receiver.

Ordering information

588-500/p Mini TIU 8.5mm focal length PAL
 588-500/n Mini TIU 8.5mm focal length NTSC
 588-501/p Mini TIU 25mm focal length PAL
 588-501/n Mini TIU 25mm focal length NTSC

Also available from Pyser-SGI

PNG 2+ Night Vision Goggles



Various generations of night vision goggles

NIM Night Intensifier Module



Night Intensification Module

TIU2 Thermal Imaging Unit



Thermal Surveillance CCTV camera

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Visit our website on www.pyser-sgi.com for further information on the complete range of products available from Pyser-SGI Limited.



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06/04