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Defence & Security Products Division

TIU2 Thermal Surveillance Camera



The Ultimate in
Day Night
Detection



- Totally Light Level Independent
- CCTV system compatible
- Various lens options
- Thermal band 8-14 microns
- VMD compatible
- Fully waterproof



TIU2 is a thermal CCTV camera which functions as any CCTV camera but operates in the thermal band. Compatible with existing and new CCTV control systems, TIU 2 represents the ultimate in day night CCTV detection.

TIU2 Thermal Surveillance camera

Technical Specifications

320x240 Hybrid ferroelectric uncooled staring focal plane array detector
Spectral range 8-14 microns
NETD .08 degrees C
Polarity control black/white hot
Gain automatic/selectable
12v DC input
PAL composite video output
Environmentally protected to IP66 (camera only)
Waterproof milspec connector
Compatible with new and existing CCTV systems
Pan & Tilt compatible
Tripod mount



Control box Part No. 588-803
(Complete with 3m of cable and power supply unit)
Not required when integrated into CCTV telemetry installation

5m version/control box **Part No. 588-812**

Applications

24/7 Perimeter surveillance
Diplomatic/Royal protection
Border surveillance, fixed and portable
Vehicle Mountable
Ports/Harbours
Prisons
Pipelines
Temporary Site Security
Rapid Deployment

TIU2 25

Lens	25mm F1 lens
Angle of view	36° horizontal 27° vertical motorised - 2m-∞
Focus	
Human detection range subject to atmospheric conditions	up to 250 metres
Size: 275mm L x 166mm W x 162mm H	
Weight	3.0kg
	Part No. 588-814

TIU2 50

Lens	50mm F1 lens
Angle of view	18° horizontal 13.5° vertical motorised - 5m-∞
Focus	
Human detection range subject to atmospheric conditions	up to 500 metres
Size: 275mm L x 166mm W x 162mm H	
Weight	3.1kg
	Part No. 588-815

TIU2 75

Lens	75mm F1 lens
Angle of view	12° horizontal 9° vertical motorised - 6m-∞
Focus	
Human detection range subject to atmospheric conditions	up to 750 metres
Size: 275mm L x 166mm W x 162mm H	
Weight	3.4kg
	Part No. 588-808

TIU2 100

Lens	100mm F1 lens
Angle of view	9° horizontal 6.6° vertical motorised - 5m-∞
Focus	
Human detection range subject to atmospheric conditions	up to 1000 metres
Size: 290mm L x 166mm W x 162mm H	
Weight	4.1kg
	Part No. 588-807

TIU2 150

Lens	150mm F1 lens
Angle of view	6° horizontal 4.4° vertical motorised - 8m-∞
Focus	
Human detection range subject to atmospheric conditions	up to 1500 metres
Size: 370mm L x 194mm W x 188mm H	
Weight	6kg
	Part No. 588-809

These goods are controlled under US Export License Regulations

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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BS EN ISO 9001 : 2000
Certificate No FM 30264

All goods are supplied under our standard conditions of trade. We reserve the right to amend design and specifications without prior notification

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