

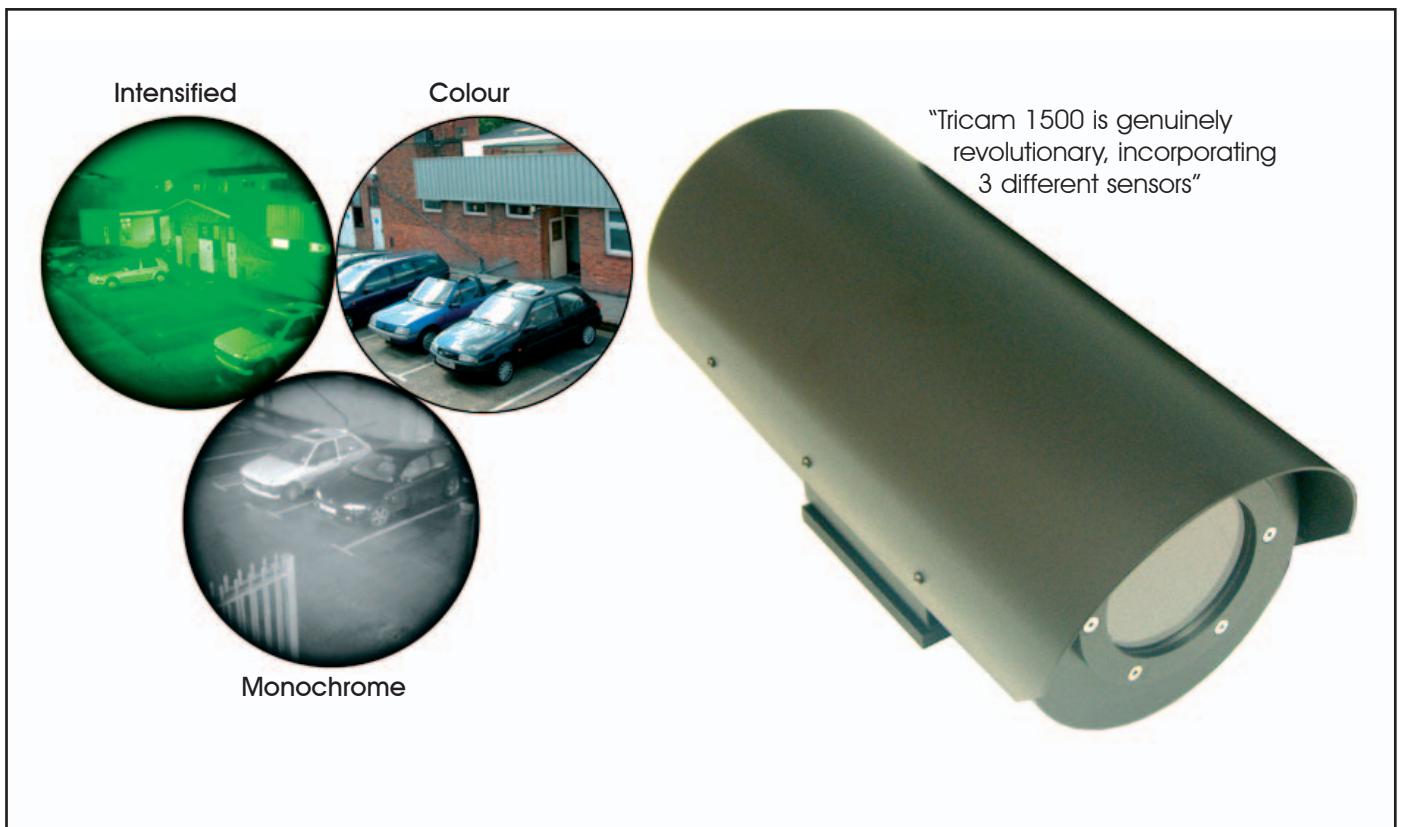


**PYSER - SGI LIMITED**  
Fircroft Way, Edenbridge, Kent,  
United Kingdom, TN8 6HA  
Telephone: +44 (0)1732 864111  
Facsimile: +44 (0)1732 865544  
Email: sales@pyser-sgi.com  
www.pyser-sgi.com

## Defence & Security Products Division

# TRICAM 1500

The world's first three sensor day/night changeover camera



- Clear identification of persons at 3 kilometres
- Colour
- Low Light Monochrome
- Image Intensified
- Cost effective employing one lens
- Lightweight
- Ready for installation
- Composite PAL video output
- Free standing or integrated with any CCTV system

Pyser-SGI Limited is one of the worlds leading manufacturers of night vision equipment encompassing hand held and CCTV night vision.

Tricam 1500 combines three technologies to provide the optimum sensor for the prevailing conditions.

Colour for day time surveillance offering high resolution detail and long range identification.

Selection of I.R. Enhanced Monochrome extends day use to dusk and dawn and Intensified takes care of the darkest part of the night.

Camera selection is by customer input and the system is designed to be compatible with existing or new standard CCTV equipment.

# TRICAM 1500

## Technical Specifications



Fields of View Table

		COLOUR		MONOCHROME		INTENSIFIED	
		Horizontal FoV	Vertical FoV	Horizontal FoV	Vertical FoV	Horizontal FoV	Vertical FoV
<b>W</b>	deg, min, sec	18° 57' 31"	14° 13' 8"	24° 56' 5"	18° 42' 35"	24° 56' 5"	18° 42' 35"
	decimal	18.96°	14.22°	24.95°	18.71°	24.95°	18.71°
<b>T</b>	deg, min, sec	0° 9' 29"	0° 7' 7"	0° 12' 28"	0° 9' 21"	0° 12' 28"	0° 9' 21"
	decimal	0.16°	0.12°	0.21°	0.16°	0.21°	0.16°
	FoV@1000m	2.76m	2.07m	3.64m	2.55m	3.64m	2.55m

### Optical

**Lens:** 12.5mm–1500mm  
Including 2x extender  
f3.8-T3000 - auto iris  
Continuous zoom  
Focus 5m to ∞

### Sensors

**Colour:** 480 TV lines,  
Minimum illumination 0.2 lux  
1/3" sensor

**Monochrome:** 570 TV lines  
Minimum illumination 0.00015 lux  
1/2" sensor

**Intensifier** Camera 570 TVL  
1/2" sensor  
5 optional tube performance levels

Tube Comparison Chart					
PARAMETER (Typical values)	2+	XD-4	HG	XH72	XR5
**Sensitivity (mA/lm)	450	500-650	700 (min)	700 (min)	800
Limiting Resolution (lp/mm)	40	60-68	60	68 (min)	70

### Physical

**Dimensions** 233 mm wide x 225 mm  
high x 650 mm long

**Weight** 8.1kg

**Tripod mount** Standard 1/4" UNC thread

**P/Tilt mount** 4" pca

### Environmental

**Waterproof** To IP67  
Sealed anodised aluminium  
housing, epoxy painted

### Electrical

**Power source:** 12Vdc

**Connector:** 14 way

### Ordering Information

Model	Tube	Part No
■ TRICAM 15002+	Generation 2+	593-3332+
■ TRICAM 1500XD4	XD-4	593-333XD4
■ TRICAM 1500HG	HyperGen	593-333HG
■ TRICAM 1500XR5	XR5	593-333XR5
■ TRICAM 1500XH72	XH72	593-333XH72

Visit our website on [www.pyser-sgi.com](http://www.pyser-sgi.com) for further information on the complete range of products available from Pyser-SGI Limited.



**PYSER - SGI LIMITED**  
Fircroft Way,  
Edenbridge, Kent,  
United Kingdom, TN8 6HA  
Telephone: +44 (0)1732 864111  
Facsimile: +44 (0)1732 865544  
Email: [sales@pyser-sgi.com](mailto:sales@pyser-sgi.com)  
[www.pyser-sgi.com](http://www.pyser-sgi.com)

**PYSER - SGI (ASIA) PTE LTD**  
65 Ubi Crescent,  
#06-01 Hala Centre,  
408559 Singapore  
Telephone: +65 6749 7784  
Facsimile: +65 6749 3992  
Email: [sales@pyser-sgi.com.sg](mailto:sales@pyser-sgi.com.sg)  
[www.pyser-sgi.com](http://www.pyser-sgi.com)



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