

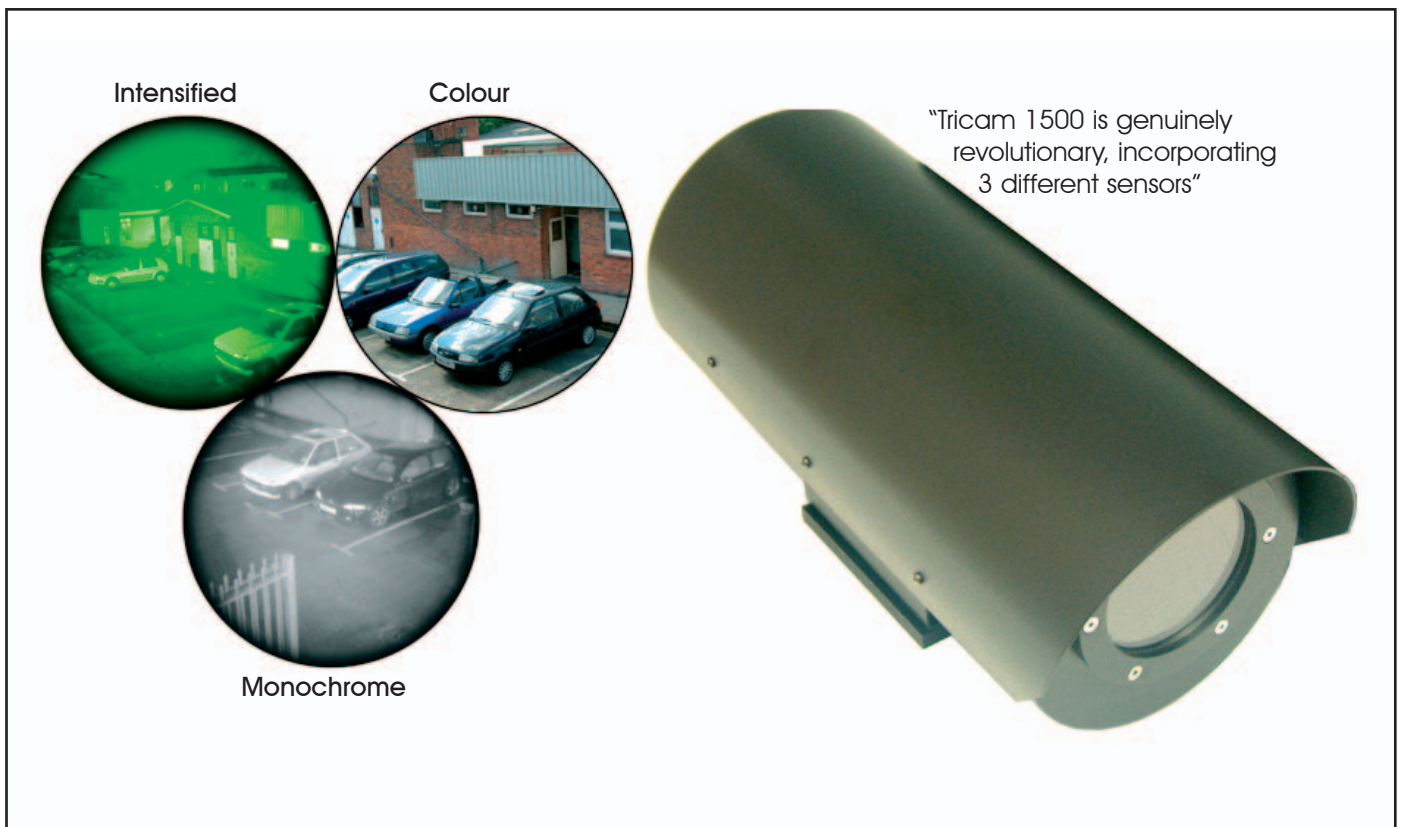


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Defence & Security Products Division

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
W (Widest angle; no extender, zoom fully wide)	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°
T (narrowest angle; 2x extender, zoom fully telephoto)	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 for further information on the complete range of products available from Pyser-SGI Limited.



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