



2554

Monochrome & Colour Hi Res Camera

Features

- Meet EMC Class A Requirements
- Meets MoD Environmental Specifications
- Sealed IP66
- Ruggedised
- Side Mounted Connector for Restricted Spaces
- Fixed Focus
- No User Adjustments
- 12vdc
- CCIR or EIA Version

Description

The 2554 camera is designed to meet the demanding environments of Military Land Service requirements, and as a result is rugged and tolerant of abuse over a wide environmental range. Although designed for military work, the camera is ideally suited to commercial applications where reliability is essential. The 2554 gives reliability at a cost much less than normally associated with MIL Spec equipment.

Whilst designed to meet Land Service specifications, the camera will also meet the requirements for Naval Vessels and can be used in a variety of applications such as monitoring flight decks, machinery spaces, winches and for weapons trials.

Options

- Choice of lenses including an ultra wide angle variant
- Colour or Mono versions

Applications

The system is ideal for applications such as Indirect Viewing, EOD 'wheelbarrows', remote control vehicles and for surveillance in harsh and inaccessible environments.

- Indirect viewing
- Hazardous environments
- Low temperature area surveillance
- Machinery spaces
- Deck winch monitoring
- Mooring assistance
- Mobile surveillance
- EMC chamber monitoring
- Perimeter protection
- Portable intruder detection
- Vehicle systems

Specifications

Camera

	Monochrome	Colour
Sensor:	1/3" CCD	1/4" CCD
Pixels:	752 (h) x 582 (v)	752 (h) x 528 (v)
Resolution:	>560 TVL	480 TVL
System:	CCIR (RS170 option)	PAL (NTSC option)
Sync:	Internal	Internal
Output:	1v p-p, 75 Ω	1v p-p, 75 Ω
Lens:	Integrated	Integrated
Focal Length:	2.5mm 102.5° Horizontal 3.6mm 72° 4.0mm 63° 5.5mm 40° 6.0mm 45° 8.0mm 33° 12.0mm 23°	30.mm 54° (NOM) Contact factory for lens options
Focus:	Fixed	Fixed
Iris:	Electronic, 1/50 th - 1/100,000 th sec	1/50 th -1/80,000 th sec
Sensitivity:	0.2 lux	5 lux *F1.2
Power:	12vdc (10- 14vdc, 110mA, heaters off 362mA, heaters on	

Physical

Size:	72mm (l) x 44mm (w) x 44mm (h)
Housing:	Machined aluminium
Weight:	220g
Connector:	623 GB 57A 8-04 P
Heater:	Thermostatically controlled. 3W

Environmental

EMC:	Def. Stan 59-41 Class A tests DRE01 – E field emissions DRE02 – H field radiation DRS01 – H field susceptibility DRS02 – E field susceptibility
Temperature:	Def. Stan 00-35, (Part 3)/2 test CL1 CL4-20°C to +60°C
Shock:	Def. Stan 00-35, (Part 3)/1 test M12s
Vibration:	Def. Stan 00-35, (Part 3)/2 test M1
Driving Rain:	Def. Stan 07-55, (Part 2) test D3
Sand & Dust:	Def. Stan 07-55, (Part 2) test D3

Connector

Pin	Signal
A	+12VDC camera power
B	Ov camera power
C	Video out
D	Video return