



2685CMCV

High Sensitivity Colour Rugged Camera

Features

- High Sensitivity
- Composite Video Out
- Designed to Meet EMC Class B Requirements
- Designed to Meet MoD Environmental Specifications
- Sealed to IP66
- Side Mounted Connector for Restricted Spaces
- Fixed Focus
- 12vdc

Description

The 2685CMCV 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 2685CMCV gives military reliability at a cost associated with commercial equipment.

Based on the standard 2685 camera, the 2685CMCV consists of a colour camera during the day, and changes to a monochrome camera at night, for increased sensitivity. It also has the added flexibility of standard composite video output.

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

	Colour
Sensor:	1/3" CCD
Pixels:	752 (h) x 582 (v)
Resolution:	>450 TVL
System:	PAL (NTSC option)
Sync:	Internal
Output:	1v p-p, differential
Lens:	Integrated
Focal Length:	2.3mm 4.0mm 5.6mm 8.0mm 16.0mm 25.0mm
Focus:	Fixed
Iris:	Electronic, 1/50 th -1/30,000 th sec
Sensitivity:	0.25 lux
Power:	12vdc (10-14vdc), 180mA, heaters off 450mA, heaters on

Physical

Size:	82mm (l) x 54mm (w) x 44mm (h)
Housing:	Machined aluminium
Weight:	250g
Connector:	62 GB 57A 10-06 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 10-06P

Pin	Signal
A	+12VDC camera power
B	Ov camera power
C	
D	Video return
E	Video +
F	Video -