

High Resolution Colour EMCCD Camera

General Data

Input Voltage:	12Vdc
Power:	10W
Mass:	400 grms (excluding lenses)

Environmental Data

Temperature Range	
Operating:	-30° C to +60° C
Storage:	-40° C to +70° C
Shock resistance:	Details on request
Vibration tolerance:	Details on request

Mechanical Dimensions

Height:	83 mm
Width:	63 mm
Length:	123 mm
Frame Shift Smear Shutter	
Automatic removal of red cut filter for very low light operation	

Optical Data

Lens Fitting:	C-mount (custom fittings on request)
CCD Type:	TI Colour EMCCD, frame, interline transfer
CCD Format:	2/3 inch
Active Pixels:	1280 (H) x 960 (V)
Image Readout:	CCIR or EIA/RS170 or Digital
	Note: Specified at time of order
Digital Interface:	RS232



FULL SUN to STARLIGHT.

Subject to lens type the camera will provide a colour image down to Quarter Moonlight and thereafter a mono image down to Starlight.

GMS (Gain Management System) Performance

Automatic provision of the optimum image under all illumination conditions, using the GMS and Noise Filter.

LLCC MANUAL CONTROL OPTIONS:

Manual control of camera functions provides;

- Operating mode NTSC or PAL
- Noise filter
- On-chip gain
- Video gain
- Electronic shutter
- Gamma user selectable value
- Exposure control

Housing Options.

1. Available in module form.
2. Customer specific housing.

DVS Cameras

* Designed and manufactured in the United Kingdom

* Built to defence standards for Shock, Vibration, Temperature

Note: All image intensified cameras are subject to UK export licence regulation

DVS reserve the right to modify the data outlined without prior notice (E & OE)

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