

Super Red-Enhanced High Resolution ICCD

DVS Cameras

* Designed and manufactured in the United Kingdom

* Built to defence standards for Shock, Vibration, Temperature

Technical Specifications

General Data

Input Voltage:	12Vdc
Lense Fitting:	C-mount (custom fittings on request)
Mass:	550 gm including C-mount interface
Temperature Range	
Operating:	-40°C to +65°C
Storage	-55°C to +70°C
Shock Resistance:	Operating 10g 11msec Storage 18g 11msec
Vibration:	10Hz (0.002 g ² /Hz) – 1000Hz (0.0055 g ² /Hz)

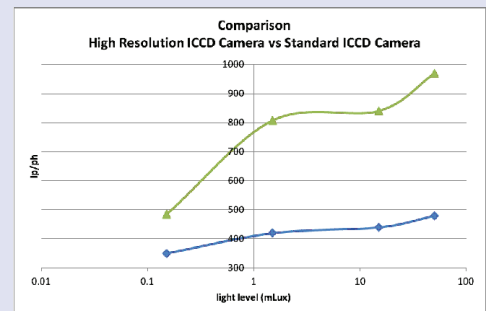


Mechanical Dimensions

Monobody: 66 mm Ø x 115 mm long
Note: length includes a C-mount lens interface

General Performance Data

Scene Illumination:	10 ⁻⁶ lux to 10,000 lux In conjunction with an adjustable iris lens or neutral density filter(s) may be extended to 150,000 lux
Overload Protection:	Digital gated Intensifier off @ >10,000 lux (Auto-reset after 10s)
Resolution:	Digital mode – 1392 x 1040
Output:	Analogue or Digital – user selected Digital – Full scan or selected sub areas
Digital Interface:	GigE
Operation:	Automatic or Manual – user selected



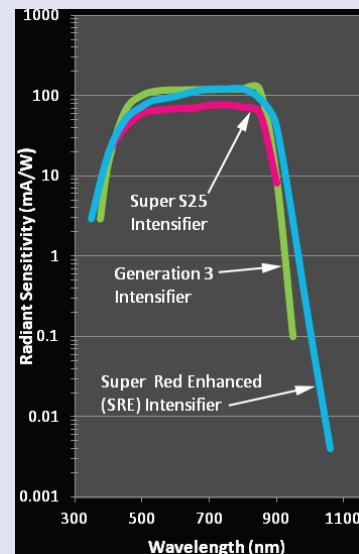
Configuration

Customer specified shape/housing
Modular for integration into a larger system

Manual Control Functions

Control via an I2C interface using an on-screen menu for the following functions:

Video Mode	Exposure Control Mode	Exposure	Exposure Control Window
Intensifier Gating	Intensifier Gain level	Video Gain	Gamma Toggle
	Integration	Uniformity correction	



ICCD Cameras are subject to UK government export licence regulations

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