



Description

Small color camera with ICX692 and 1394b

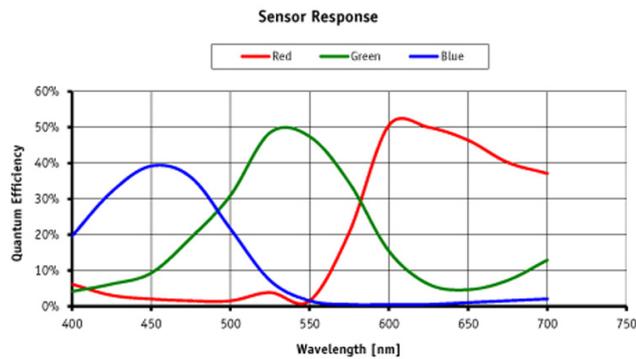
The Guppy PRO F-095C is a very sensitive color camera with the EXview HAD II ICX692 sensor. This sensor has a very good sensitivity both in the visible and NIR spectrum. Therefore, the Guppy PRO F-095C is well suited for low-light applications, especially security and surveillance.

- Sony ICX692 EXview HAD II (only color), type 1/3, pixel size 4.08 μm
- Trigger
 - Programmable, trigger level control, single trigger, bulk trigger, programmable trigger delay
- Options
 - Various IR cut/pass filters
 - White medical housing

Specifications

Guppy PRO	F-095
Interface	IEEE 1394b - 800 Mb/s, 1 port
Resolution	1280 x 720
Sensor	Sony ICX692
Sensor type	CCD Progressive
Sensor size	Type 1/3
Cell size	4.08 µm
Lens mount	C-Mount
Max frame rate at full resolution	38 fps
A/D	14 bit
	Output
Bit depth	8-14 bit
Mono modes	8/12/16
Color modes YUV	411/422
Color modes RGB	RGB8
Raw modes	8/12/16
	General purpose inputs/outputs (GPIOs)
Opto-coupled I/Os	1/3
	Operating conditions/Dimensions
Operating temperature	+5 °C ... +45 °C
Power requirements (DC)	8 V - 36 V
Power consumption (12 V)	<3.5 W
Mass	80 g
Body Dimensions (L x W x H in mm)	44.8 x 29 x 29 mm incl. connectors
Regulations	CE, FCC Class B, RoHS

[Download technical drawing \(click here\)](#)



Smart features

- AOI (separate AOI for auto features)
- Programmable LUT, gamma
- Debayering, color correction
- Gain
 - Auto/manual
 - Manual gain control: 0 - 24.4 dB
- Exposure
 - Auto/manual
 - Exposure time: 39 μ s - 67 s

Applications

The Guppy PRO F-095C includes the new ICX692 sensor. This EXview HAD II sensor has a very good sensitivity both in the visible and NIR spectrum. Therefore, the Guppy PRO F-095C is well suited for low-light applications, especially security and surveillance.

- Security and surveillance
- Applications with low light
- Industrial inspection
- ITS/traffic monitoring
- ... and many more