



Guppy PRO F-201

Description

2 Megapixel camera, ICX274, attractive price

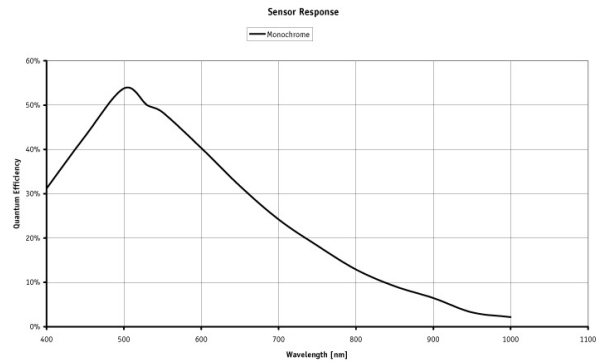
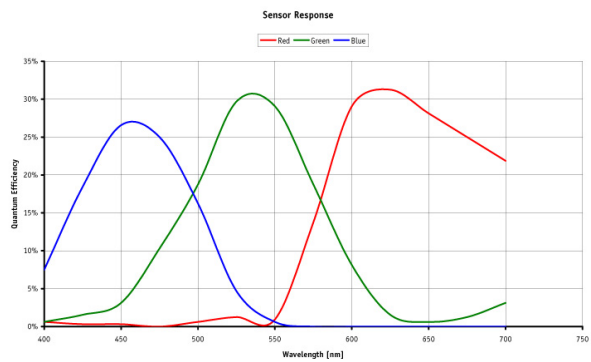
The Guppy PRO F-201B/C is a 2 Megapixel 1394b camera with a robust metal housing and Sony's ICX274 sensor. At full resolution, it runs 14 fps.

- Sony ICX274
- 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-201	
Interface	IEEE 1394b - 800 Mb/s, 1 port		
Resolution	1624 x 1234		
Sensor	Sony ICX274		
Type	CCD Progressive		
Sensor Size	Type 1/1.8		
Cell size	4.4 µm		
Lens mount	C		
Max frame rate at full resolution	14 fps		
A/D	12 bit		
On-board FIFO	0 MB		
Output			
Bit depth	8-12 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)			
TTL I/Os	0		
Opto-coupled I/Os	1/3		
RS-232	0		
Power/Mass/Dimensions/Regulations			
Power requirements (DC)	8 V - 36 V		
Power consumption (12 V)	3 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: 45 μ s - 67 s
- Binning (2 x 2 b/w)
- Sub-Sampling (2 x 2 b/w)

Applications

The Guppy PRO F-201 suits particularly well for applications with space constraints. Besides this, it has an excellent price/performance ratio.

Typical applications:

- Machine vision
- Robotics
- Logistics
- Pharmaceutical industry
- Multimedia
- ITS/Traffic monitoring
- ... and more