



Guppy PRO F-201

Description

2 Megapixel camera, ICX274, attractive price

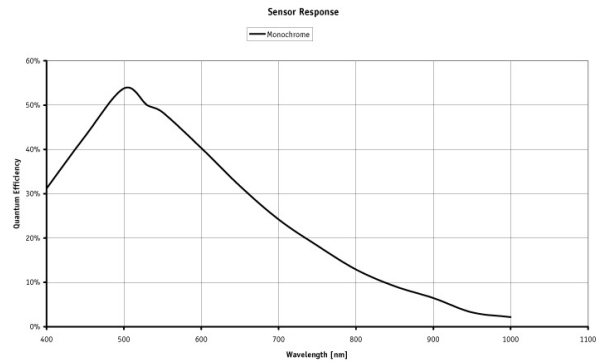
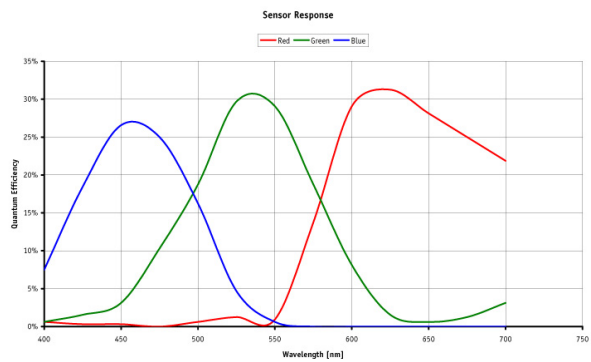
The Guppy PRO F-201B/C is a 2 Megapixel 1394b camera with a robust metal housing and Sony's ICX274 sensor. At full resolution, it runs 14 fps.

- 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