



Manta GigE VISION

- Very economical price
- Extra robust housing
- Board level versions available
- With color correction

New

Manta L x W x H = 86.4 x 44 x 29 mm incl. connectors, w/o tripod and lens. Mass < 200 g

Model	Interface	Resolution	Standard	Megapixels	Frame rate	Sensortype	Sensor	A/D	Onboard memory
G-032B/C	GigE	656 x 492	> VGA	0.3	80 fps	1/3 CCD	Sony ICX424	12 bits	32 MB
G-046B/C	GigE	780 x 580	> XGA	0.5	67 fps	1/2 CCD	Sony ICX415	14 bits	32 MB
G-125B/C	GigE	1292 x 964	> XGA	1.2	30 fps	1/3 CCD	Sony ICX445	14 bits	32 MB
G-145B/C	GigE	1388 x 1038	> XGA-2	1.4	16 fps	2/3 CCD	Sony ICX285	14 bits	32 MB
G-146B/C	GigE	1388 x 1038	> XGA-2	1.4	17 fps	1/2 CCD	Sony ICX267	14 bits	32 MB
G-201B/C	GigE	1624 x 1234	> UXGA	2	14 fps	1/1.8 CCD	Sony ICX274	14 bits	32 MB

"The Manta is a very economically priced GigE camera. Its robust metal housing features optimal quality and a long lifetime. The color versions include the same sophisticated debayering algorithms as AVT's Stingray cameras. On request, board level versions as well as modular options are available."



Board level versions available on request

Smart Features

- ROI (Region of Interest Readout)
- Exposure
- White balance
- Hue, Saturation, Sharpness
- Gamma 0.5
- Gain
- DSP subregion (selectable ROI for auto features)
- Binning
- Image hold
- StreamBytesPerSecond (easy bandwidth control)
- On-board debayering (color decoding)
- Recorder mode (pre/post trigger recording)
- Storable user sets

Options

- Board level versions on request
- Modular concept:
 - Various IR cut/pass filters
 - CS/M12-Mount adapters

Power requirements	DC 8 V - 30 V via 12-pin HIROSE
Power consumption	< 3.8 W (@ 12 V DC)
Operating temperature	+0 ... + 45° Celsius ambient temp.
Storage temperature	- 10 ... + 70° Celsius ambient temp.
Regulations	CE, FCC Class B, RoHS (2002/95/EC)

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