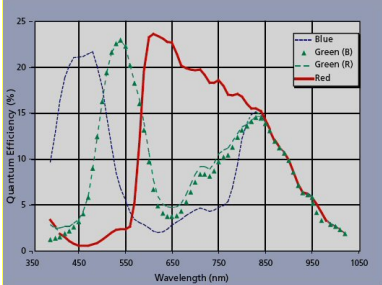


PicSight G32B-GigE-AS

GigE Vision camera

Technical specifications

Interface	Ethernet 1000/100/10 Mb/s
Sensor	1/2" CMOS, parallel readout, type Aptina MT9V403
Spectral sensitivity	 <p>The graph displays the quantum efficiency of the sensor across a range of wavelengths from 350 nm to 1050 nm. The Blue channel (dashed line) peaks at approximately 450 nm. The Green (B) channel (dotted line) peaks at approximately 550 nm. The Green (R) channel (dashed line with triangles) peaks at approximately 650 nm. The Red channel (solid line) peaks at approximately 750 nm. All channels show a significant drop in efficiency after 850 nm.</p>
Monochrome/color	bayer pattern
Output image resolution (H×V)	656 × 494 pixels
Frame rate	196 fps
Video format	10-bit, single tap
Scanning	progressive
Pixel size (H×V)	9.9 × 9.9 μm
Sensor size (H×V)	6.5241 × 4.8906 mm
Shutter	global, 20 μs – 1300 ms (default 5 ms)
Operating (trigger) modes	<ul style="list-style-type: none"> • Free running • Triggered mode
Gain & black level	<ul style="list-style-type: none"> • Analog gain: 0 .. 25.11 dB (default 0 dB) • Digital gain: n/a • Black level: -1.5 .. 1.5 DN (default 0 DN)
Auto functions	• n/a
Area of interest (AOI)	Horizontal and vertical AOI applicable directly at the sensor
Binning	• n/a
Decimation	• n/a
Mount	C-mount (CS-mount on request)
Dimension	<ul style="list-style-type: none"> • 44.8×31.4×91.7 mm (W×H×L, without connectors) — standard version • 44.8×37.56×96.0 mm (W×H×L, without connectors) — right angle version
Weight	145 g
Power input	10-26V/5W

Ordering information

Ordering number	Product name	Option
401202	PicSight G32B-GigE-AS	Hirose/SDR-26 connector
401203	PicSight G32B-GigE-AS-H	Hirose/SDR-26 connector, 90° lens mount
401227	PicSight G32B-GigE-PoE-S	PoE, Hirose/SDR-26 connector
401228	PicSight G32B-GigE-PoE-S-H	PoE, Hirose/SDR-26 connector, 90° lens mount
401302	PicSight G32B-GigE-AS-RTF	Realtime function, lens controller, Hirose/SDR-26 connector
401303	PicSight G32B-GigE-AS-RTF-H	Realtime function, lens controller, Hirose/SDR-26 connector, 90° lens mount
401327	PicSight G32B-GigE-PoE-S-RTF	PoE, Realtime function, lens controller, Hirose/SDR-26 connector
401328	PicSight G32B-GigE-PoE-S-RTF-H	PoE, Realtime function, lens controller, Hirose/SDR-26 connector, 90° lens mount

Check latest price list or contact us to learn if more options are available.

Headquarters (Switzerland)
 Leutron Vision AG
 Industriestrasse 57
 CH-8152 Glattbrugg, Switzerland
 Phone ++41 44 809 88 22
 fax ++41 44 809 88 29
 intsales@leutron.com
www.leutron.com

Germany
 Leutron Vision GmbH
 Macairestrasse 3
 D-78467 Konstanz, Germany
 Phone ++49 7531 5942 0
 fax ++49 7531 594299
 desales@leutron.com
[>www.leutron.com/de/](http://www.leutron.com/de/)

North America
 Leutron Vision Inc.
 38 East Street
 Halifax, MA 02338, USA
 Phone: ++1 888 442 2269 x1
 Fax: ++1 781 353 3943
 ussales@leutron.com
www.leutron.com/

Czech Republic
 Leutron Vision s.r.o.
 Rokycanska 27
 31200 Plzen, Czech Republic
 Phone: ++420 377 260 342
 czsales@leutron.com
www.leutron.com/