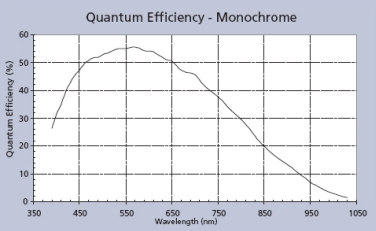


PicSight R132M-GigE-AS

GigE Vision camera



Technical specifications

Interface	Ethernet 1000/100/10 Mb/s
Sensor	1/2" CMOS, sequential readout, type Aptina MT9M001
Spectral sensitivity	 <p>The graph shows Quantum Efficiency (%) on the y-axis (0 to 60) versus Wavelength (nm) on the x-axis (350 to 1050). The curve peaks at approximately 55% efficiency around 550 nm and then gradually declines to near 0% at 1050 nm.</p>
Monochrome/color	monochrom
Output image resolution (H×V)	1280 × 1024 pixels
Frame rate	30 fps
Video format	10-bit, single tap
Scanning	progressive
Pixel size (H×V)	5.2 × 5.2 μm
Sensor size (H×V)	6.66 × 5.32 mm
Shutter	rolling, 28 μs – 520 ms (default 30 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 .. 23.53 dB (default 14 dB)• Digital gain: n/a• Black level: -51.2 .. 51 DN (default 0 DN)
Auto functions	<ul style="list-style-type: none">• Automatic black level
Area of interest (AOI)	Horizontal and vertical AOI applicable directly at the sensor
Binning	<ul style="list-style-type: none">• n/a
Decimation	<ul style="list-style-type: none">• Horizontal: 2× 4× 8×• Vertical: 2× 4× 8×
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
420202	PicSight R132M-GigE-AS	Hirose/SDR-26 connector
420203	PicSight R132M-GigE-AS-H	Hirose/SDR-26 connector, 90° lens mount
420227	PicSight R132M-GigE-PoE-S	PoE, Hirose/SDR-26 connector
420228	PicSight R132M-GigE-PoE-S-H	PoE, Hirose/SDR-26 connector, 90° lens mount
420302	PicSight R132M-GigE-AS-RTF	Realtime function, lens controller, Hirose/SDR-26 connector
420303	PicSight R132M-GigE-AS-RTF-H	Realtime function, lens controller, Hirose/SDR-26 connector, 90° lens mount
420327	PicSight R132M-GigE-PoE-S-RTF	PoE, Realtime function, lens controller, Hirose/SDR-26 connector
420328	PicSight R132M-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.

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