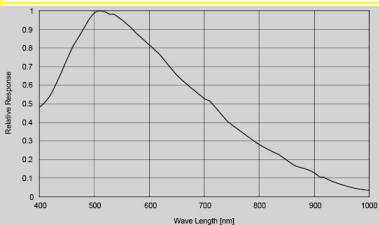


PicSight P34M-GigE-AS

GigE Vision camera



Technical specifications

Interface	Ethernet 1000/100/10 Mb/s
Sensor	1/4" CCD, interline transfer, type SONY ICX098
Spectral sensitivity	 <p>The graph shows the relative response of the camera's sensor across a range of wavelengths from 400 nm to 1000 nm. The y-axis represents 'Relative Response' from 0 to 1.0, and the x-axis represents 'Wave Length [nm]' from 400 to 1000. The response starts at approximately 0.4 at 400 nm, rises to a peak of 1.0 at 500 nm, and then gradually decreases to about 0.1 at 1000 nm.</p>
Monochrome/color	monochrome
Output image resolution (H×V)	656 × 494 pixels
Full sensor resolution (incl. black pixels)	692 × 504 pixels
Frame rate	64 fps
Video format	12-bit, single tap
Scanning	progressive
Pixel size (H×V)	5.6 × 5.6 μm
Sensor size (H×V)	4.6 × 3.97 mm
Shutter	global, 5 μs – 60000 ms (default 15 ms)
Operating (trigger) modes	<ul style="list-style-type: none">• Free running• Triggered mode• Long range exposure mode
Gain & black level	<ul style="list-style-type: none">• Analog gain: -6 .. 30 dB (default 9 dB)• Digital gain: n/a• Black level: 0 .. 25.5 DN (default 0 DN)
Auto functions	<ul style="list-style-type: none">• n/a
Area of interest (AOI)	Vertical AOI applicable directly at the sensor
Binning	<ul style="list-style-type: none">• Vertical: 2×
Decimation	<ul style="list-style-type: none">• 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
100202	PicSight P34M-GigE-AS	Hirose/SDR-26 connector
100203	PicSight P34M-GigE-AS-H	Hirose/SDR-26 connector, 90° lens mount
100227	PicSight P34M-GigE-PoE-S	PoE, Hirose/SDR-26 connector
100228	PicSight P34M-GigE-PoE-S-H	PoE, Hirose/SDR-26 connector, 90° lens mount
100302	PicSight P34M-GigE-AS-RTF	Realtime function, lens controller, Hirose/SDR-26 connector
100303	PicSight P34M-GigE-AS-RTF-H	Realtime function, lens controller, Hirose/SDR-26 connector, 90° lens mount
100327	PicSight P34M-GigE-PoE-S-RTF	PoE, Realtime function, lens controller, Hirose/SDR-26 connector
100328	PicSight P34M-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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