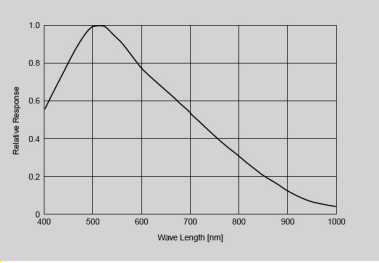


# PicSight P142AM-GigE-AS

GigE Vision camera



## Technical specifications

Interface	Ethernet 1000/100/10 Mb/s
Sensor	1/2" CCD, interline transfer, type SONY ICX267
Spectral sensitivity	 <p>The graph shows the relative response of the sensor across a range of wavelengths from 400 nm to 1000 nm. The y-axis is labeled 'Relative Response' and ranges from 0 to 1.0. The x-axis is labeled 'Wave Length [nm]' and ranges from 400 to 1000. The curve starts at approximately 0.6 at 400 nm, rises to a peak of 1.0 at 500 nm, and then gradually declines to about 0.1 at 1000 nm.</p>
Monochrome/color	monochrome
Output image resolution (H×V)	1392 × 1040 pixels
Full sensor resolution (incl. black pixels)	1434 × 1050 pixels
Frame rate	15 fps
Video format	12-bit, single tap
Scanning	progressive
Pixel size (H×V)	4.65 × 4.65 μm
Sensor size (H×V)	7.6 × 6.2 mm
Shutter	global, 5 μs –60000 ms (default 50 ms)
Operating (trigger) modes	<ul style="list-style-type: none"><li>• Free running</li><li>• Triggered mode</li><li>• Long range exposure mode</li></ul>
Gain & black level	<ul style="list-style-type: none"><li>• Analog gain: -8 .. 28 dB (default 0 dB)</li><li>• Digital gain: n/a</li><li>• Black level: 0 .. 25.5 DN (default 0 DN)</li></ul>
Auto functions	<ul style="list-style-type: none"><li>• n/a</li></ul>
Area of interest (AOI)	Vertical AOI applicable directly at the sensor
Binning	<ul style="list-style-type: none"><li>• Vertical: 2×</li></ul>
Decimation	<ul style="list-style-type: none"><li>• n/a</li></ul>
Mount	C-mount (CS-mount on request)
Dimension	<ul style="list-style-type: none"><li>• 44.8×31.4×91.7 mm (W×H×L, without connectors) — standard version</li><li>• 44.8×37.56×96.0 mm (W×H×L, without connectors) — right angle version</li></ul>
Weight	145 g
Power input	10-26V/5W

## Ordering information

Ordering number	Product name	Option
170202	PicSight P142AM-GigE-AS	Hirose/SDR-26 connector
170203	PicSight P142AM-GigE-AS-H	Hirose/SDR-26 connector, 90° lens mount
170227	PicSight P142AM-GigE-PoE-S	PoE, Hirose/SDR-26 connector
170228	PicSight P142AM-GigE-PoE-S-H	PoE, Hirose/SDR-26 connector, 90° lens mount
170302	PicSight P142AM-GigE-AS-RTF	Realtime function, lens controller, Hirose/SDR-26 connector
170303	PicSight P142AM-GigE-AS-RTF-H	Realtime function, lens controller, Hirose/SDR-26 connector, 90° lens mount
170327	PicSight P142AM-GigE-PoE-S-RTF	PoE, Realtime function, lens controller, Hirose/SDR-26 connector
170328	PicSight P142AM-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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