

PicSight P142AB-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 700 nm. Three curves are plotted: Blue (B), Green (G), and Red (R). The Blue curve peaks at approximately 450 nm, the Green curve peaks at approximately 550 nm, and the Red curve peaks at approximately 650 nm. The y-axis represents Relative Response from 0 to 1.0, and the x-axis represents Wave Length (nm) from 400 to 700.</p>
Monochrome/color	bayer pattern
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 130 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: -8 .. 28 dB (default 0 dB) • Digital gain: n/a • Black level: 0 .. 25.5 DN (default 0 DN)
Auto functions	• n/a
Area of interest (AOI)	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
171202	PicSight P142AB-GigE-AS	Hirose/SDR-26 connector
171203	PicSight P142AB-GigE-AS-H	Hirose/SDR-26 connector, 90° lens mount
171227	PicSight P142AB-GigE-PoE-S	PoE, Hirose/SDR-26 connector
171228	PicSight P142AB-GigE-PoE-S-H	PoE, Hirose/SDR-26 connector, 90° lens mount
171302	PicSight P142AB-GigE-AS-RTF	Realtime function, lens controller, Hirose/SDR-26 connector
171303	PicSight P142AB-GigE-AS-RTF-H	Realtime function, lens controller, Hirose/SDR-26 connector, 90° lens mount
171327	PicSight P142AB-GigE-PoE-S-RTF	PoE, Realtime function, lens controller, Hirose/SDR-26 connector
171328	PicSight P142AB-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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