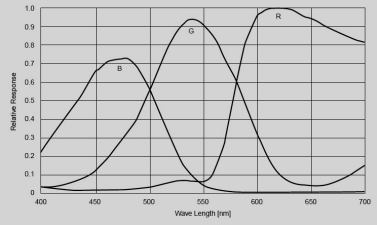


# PicSight P141B-GigE-AS

GigE Vision camera



## Technical specifications

Interface	Ethernet 1000/100/10 Mb/s
Sensor	2/3" CCD, interline transfer, type SONY ICX285
Spectral sensitivity	 <p>The graph shows the relative response of the camera's color channels across a range of wavelengths from 400 nm to 700 nm. The B channel peaks at approximately 450 nm, the G channel at 500 nm, and the R channel at 650 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 700.</p>
Monochrome/color	bayer pattern
Output image resolution (H×V)	1392 × 1040 pixels
Full sensor resolution (incl. black pixels)	1438 × 1050 pixels
Frame rate	20 fps
Video format	12-bit, single tap
Scanning	progressive
Pixel size (H×V)	6.45 × 6.45 μm
Sensor size (H×V)	10.2 × 8.3 mm
Shutter	global, 5 μs –60000 ms (default 48 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: -3 .. 33 dB (default 9 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>• n/a</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
181202	PicSight P141B-GigE-AS	Hirose/SDR-26 connector
181203	PicSight P141B-GigE-AS-H	Hirose/SDR-26 connector, 90° lens mount
181227	PicSight P141B-GigE-PoE-S	PoE, Hirose/SDR-26 connector
181228	PicSight P141B-GigE-PoE-S-H	PoE, Hirose/SDR-26 connector, 90° lens mount
181302	PicSight P141B-GigE-AS-RTF	Realtime function, lens controller, Hirose/SDR-26 connector
181303	PicSight P141B-GigE-AS-RTF-H	Realtime function, lens controller, Hirose/SDR-26 connector, 90° lens mount
181327	PicSight P141B-GigE-PoE-S-RTF	PoE, Realtime function, lens controller, Hirose/SDR-26 connector
181328	PicSight P141B-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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