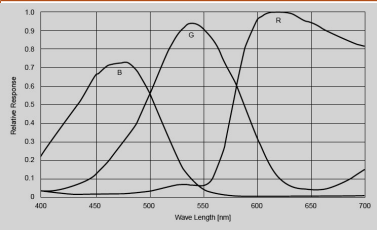


PicSight P141B-Smart502

Smart GigE camera



Technical specifications

Interface	Ethernet 1000/100/10 Mb/s
Smart technology	32-bit RISC processor PNX0192/300MHz, 64MB RAM, 32MB Flash memory, real-time operating system, C/C++ compiler, various APIs
Sensor	2/3" CCD, interline transfer, type SONY ICX285
Spectral sensitivity	
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">• Free running• Triggered mode• Long range exposure mode
Gain & black level	<ul style="list-style-type: none">• Analog gain: -3 .. 33 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">• n/a
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
181602	PicSight P141B-Smart502-AS	PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector
181603	PicSight P141B-Smart502-AS-H	PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector, 90° lens mount
181627	PicSight P141B-Smart502-PoE-S	PoE, PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector
181628	PicSight P141B-Smart502-PoE-S-H	PoE, PNX1502, 300MHz, 64MB-DDR, 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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Specifications may change at any time without prior notice

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