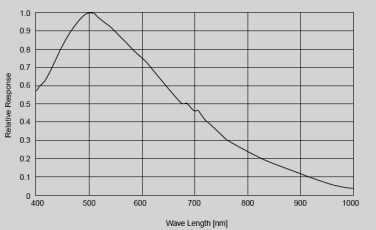


PicSight P202M-Smart502

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	1/1.8" CCD, interline transfer, type SONY ICX274
Spectral sensitivity	 <p>The graph shows the spectral sensitivity of the camera's sensor. The x-axis represents Wave Length in nanometers (nm), ranging from 400 to 1000. The y-axis represents Relative Response, ranging from 0 to 1.0. The curve starts at approximately 0.5 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)	1624 × 1236 pixels
Full sensor resolution (incl. black pixels)	1688 × 1248 pixels
Frame rate	14 fps
Video format	12-bit, single tap
Scanning	progressive
Pixel size (H×V)	4.4 × 4.4 μm
Sensor size (H×V)	8.5 × 6.8 mm
Shutter	global, 5 μs – 60000 ms (default 30 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: -10 .. 26 dB (default 0 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
210602	PicSight P202M-Smart502-AS	PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector
210603	PicSight P202M-Smart502-AS-H	PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector, 90° lens mount
210627	PicSight P202M-Smart502-PoE-S	PoE, PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector
210628	PicSight P202M-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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