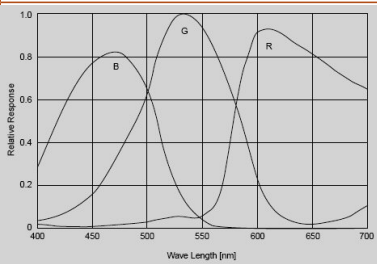


PicSight P32B-Smart502

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	1/2" CCD, interline transfer, type SONY ICX414
Spectral sensitivity	 <p>The graph shows the relative response of the camera's 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)	656 × 494 pixels
Full sensor resolution (incl. black pixels)	692 × 504 pixels
Frame rate	62 fps
Video format	12-bit, single tap
Scanning	progressive
Pixel size (H×V)	9.9 × 9.9 μm
Sensor size (H×V)	7.48 × 6.15 mm
Shutter	global, 5 μs –60000 ms (default 16 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: -6 .. 30 dB (default 10 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
121602	PicSight P32B-Smart502-AS	PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector
121603	PicSight P32B-Smart502-AS-H	PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector, 90° lens mount
121627	PicSight P32B-Smart502-PoE-S	PoE, PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector
121628	PicSight P32B-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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