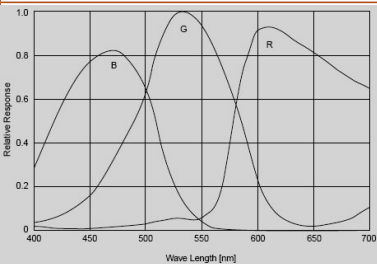


# PicSight P52B-Smart502

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 ICX415
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 460 nm, the Green curve peaks at approximately 530 nm, and the Red curve peaks at approximately 620 nm. The y-axis represents Relative Response from 0 to 1.0, and the x-axis represents Wave Length in nm from 400 to 700.</p>
Monochrome/color	bayer pattern
Output image resolution (H×V)	776 × 582 pixels
Full sensor resolution (incl. black pixels)	823 × 592 pixels
Frame rate	63 fps
Video format	12-bit, single tap
Scanning	progressive
Pixel size (H×V)	8.3 × 8.3 μm
Sensor size (H×V)	7.48 × 6.15 mm
Shutter	global, 5 μs –60000 ms (default 15 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: -10 .. 26 dB (default 12 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
131602	PicSight P52B-Smart502-AS	PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector
131603	PicSight P52B-Smart502-AS-H	PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector, 90° lens mount
131627	PicSight P52B-Smart502-PoE-S	PoE, PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector
131628	PicSight P52B-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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