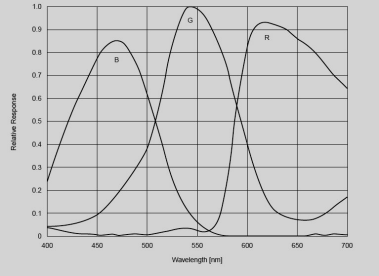


PicSight P203B-GigE-AS

GigE Vision camera



Technical specifications

| | |
|---|---|
| Interface | Ethernet 1000/100/10 Mb/s |
| Sensor | 1/2.7" CCD, interline transfer, type SONY ICX454JQF-J |
| 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 B curve peaks at approximately 450 nm, the G curve peaks at approximately 500 nm, and the R curve peaks at approximately 650 nm. The y-axis represents Relative Response from 0 to 1.0, and the x-axis represents Wavelength (nm) from 400 to 700.</p> |
| Monochrome/color | bayer pattern |
| Output image resolution (H×V) | 1648 × 1240 pixels |
| Full sensor resolution (incl. black pixels) | 1690 × 1250 pixels |
| Frame rate | 9 fps |
| Video format | 12-bit, single tap |
| Scanning | progressive |
| Pixel size (H×V) | 3.275 × 3.275 μm |
| Sensor size (H×V) | 6.38 × 5.26 mm |
| Shutter | global, 5 μs –60000 ms (default 100 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 .. 26 dB (default 6 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 |
|-----------------|---------------------------------|--|
| 201202 | PicSight P203B-GigE-AS | Hirose/SDR-26 connector |
| 201203 | PicSight P203B-GigE-AS-H | Hirose/SDR-26 connector, 90° lens mount |
| 201227 | PicSight P203B-GigE-PoE-S | PoE, Hirose/SDR-26 connector |
| 201228 | PicSight P203B-GigE-PoE-S-H | PoE, Hirose/SDR-26 connector, 90° lens mount |
| 201302 | PicSight P203B-GigE-AS-RTF | Realtime function, lens controller, Hirose/SDR-26 connector |
| 201303 | PicSight P203B-GigE-AS-RTF-H | Realtime function, lens controller, Hirose/SDR-26 connector, 90° lens mount |
| 201327 | PicSight P203B-GigE-PoE-S-RTF | PoE, Realtime function, lens controller, Hirose/SDR-26 connector |
| 201328 | PicSight P203B-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.

Headquarters (Switzerland)
 Leutron Vision AG
 Industriestrasse 57
 CH-8152 Glattbrugg, Switzerland
 Phone ++41 44 809 88 22
 fax ++41 44 809 88 29
 intsales@leutron.com
www.leutron.com

Germany
 Leutron Vision GmbH
 Macairestrasse 3
 D-78467 Konstanz, Germany
 Phone ++49 7531 5942 0
 fax ++49 7531 594299
 desales@leutron.com
[>www.leutron.com/de/](http://www.leutron.com/de/)

North America
 Leutron Vision Inc.
 38 East Street
 Halifax, MA 02338, USA
 Phone: ++1 888 442 2269 x1
 Fax: ++1 781 353 3943
 ussales@leutron.com
www.leutron.com/

Czech Republic
 Leutron Vision s.r.o.
 Rokycanska 27
 31200 Plzen, Czech Republic
 Phone: ++420 377 260 342
 czsales@leutron.com
www.leutron.com/