

PicSight P32M-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 | |
| Monochrome/color | monochrome |
| 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 4 dB) • Digital gain: n/a • Black level: 0 .. 25.5 DN (default 0 DN) |
| Auto functions | • n/a |
| Area of interest (AOI) | Vertical AOI applicable directly at the sensor |
| Binning | • Vertical: 2× |
| Decimation | • 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 |
|-----------------|--------------------------------|--|
| 120602 | PicSight P32M-Smart502-AS | PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector |
| 120603 | PicSight P32M-Smart502-AS-H | PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector, 90° lens mount |
| 120627 | PicSight P32M-Smart502-PoE-S | PoE, PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector |
| 120628 | PicSight P32M-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.

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/