

PicSight G43AM-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	1/3" CMOS, parallel readout, type Aptina MT9V033
Spectral sensitivity	
Monochrome/color	monochrome
Output image resolution (H×V)	752 × 480 pixels
Frame rate	64 fps
Video format	10-bit, single tap
Scanning	progressive
Pixel size (H×V)	6 × 6 μm
Sensor size (H×V)	4.512 × 2.88 mm
Shutter	global, 10 μs –1000 ms (default 15 ms)
Operating (trigger) modes	<ul style="list-style-type: none"> • Free running • Triggered mode
Gain & black level	<ul style="list-style-type: none"> • Analog gain: 0 .. 12.04 dB (default 4 dB) • Digital gain: -12.04 .. 11.48 dB (default 0 dB) • Black level: 0 .. 6.35 DN (default 0 DN)
Auto functions	<ul style="list-style-type: none"> • Auto exposure • Automatic analog gain control • Automatic black level
Area of interest (AOI)	Horizontal and vertical AOI applicable directly at the sensor
Binning	<ul style="list-style-type: none"> • Horizontal: 2× 4× • Vertical: 2× 4×
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
412602	PicSight G43AM-Smart502-AS	PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector
412603	PicSight G43AM-Smart502-AS-H	PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector, 90° lens mount
412627	PicSight G43AM-Smart502-PoE-S	PoE, PNX1502, 300MHz, 64MB-DDR, lens controller, Hirose/SDR-26 connector
412628	PicSight G43AM-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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