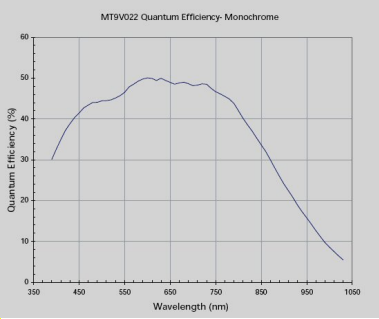


PicSight G43AM-GigE-AS

GigE Vision camera



Technical specifications

Interface	Ethernet 1000/100/10 Mb/s
Sensor	1/3" CMOS, parallel readout, type Aptina MT9V033
Spectral sensitivity	 <p>The graph shows Quantum Efficiency (%) on the y-axis (0 to 60) versus Wavelength (nm) on the x-axis (350 to 1050). The curve peaks at approximately 50% efficiency between 550 nm and 650 nm, with a sharp decline after 750 nm.</p>
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	<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
412202	PicSight G43AM-GigE-AS	Hirose/SDR-26 connector
412203	PicSight G43AM-GigE-AS-H	Hirose/SDR-26 connector, 90° lens mount
412227	PicSight G43AM-GigE-PoE-S	PoE, Hirose/SDR-26 connector
412228	PicSight G43AM-GigE-PoE-S-H	PoE, Hirose/SDR-26 connector, 90° lens mount
412302	PicSight G43AM-GigE-AS-RTF	Realtime function, lens controller, Hirose/SDR-26 connector
412303	PicSight G43AM-GigE-AS-RTF-H	Realtime function, lens controller, Hirose/SDR-26 connector, 90° lens mount
412327	PicSight G43AM-GigE-PoE-S-RTF	PoE, Realtime function, lens controller, Hirose/SDR-26 connector
412328	PicSight G43AM-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.

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