
Camera for Multi-Camera Systems - Mako G-032B PoE

Short description: PoE - Gigabit Ethernet Camera 1/3" CCD,
658x492, 102fps, mono, global shutter

Order number: 3-12-544



Characteristics

- ultra-compact GigE area scan camera for industrial applications
 - 1/3" CCD monochrom sensor with VGA resolution
 - industrial GigE Vision interface with Power over Ethernet
 - RJ45 Ethernet connection with screw connector for safe operation
 - C-mount lens connection
 - easy attachment with standard M3 thread at the top and bottom of the housing
-

Technical data

Sensor Data

Sensor name	Sony ICX424AL
Chroma	Monochrome
Sensor technology	Interline CCD, Progressive Scan
Readout method	Global Shutter
Sensorformat	1/3"
Sensor diagonal	6.0 mm
Resolution total	656 x 492
Number of pixel	0.3 MPixel
Pixel size	7.4 µm x 7.4 µm
Frame rate	102.3 fps
Shutter (exposure time)	10 µs ... 93 s
Gain control	0 dB ... 30 dB

Camera Data

Family	Allied Vision - Mako
Type	GigE Vision area scan camera
Interfaces	GigE Vision with PoE opto-decoupled I/Os 1x IN, 3x OUT

General Data

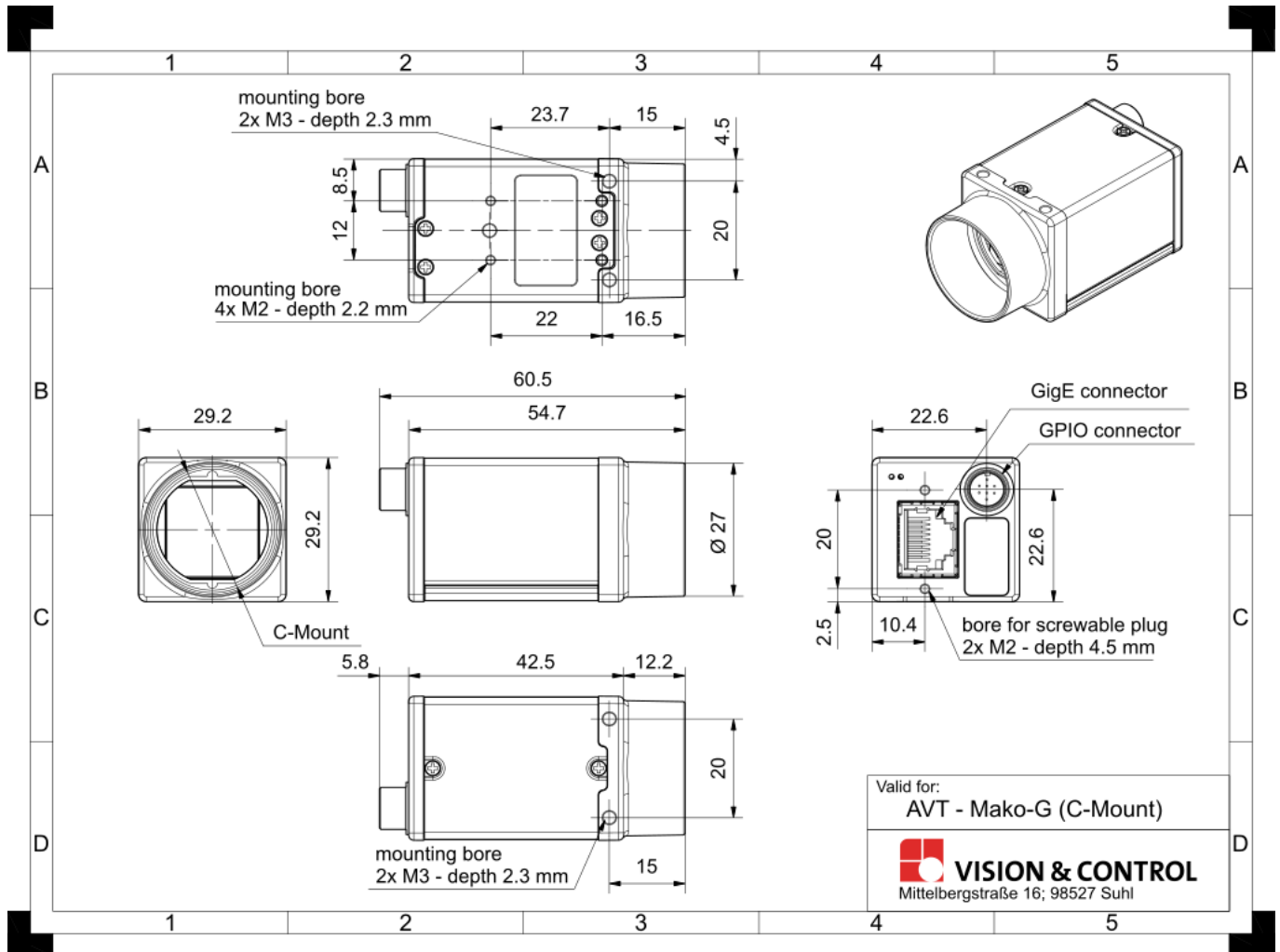
Power requirements	Power over Ethernet (PoE) 12 - 24 VDC AUX (8-pin Hirose)
Power consumption	2.8 W (PoE); 2.4 W (at 12 VDC)
Lens mount	C-Mount
Dimensions	60.5 mm × 29.2 mm × 29.2 mm (including connectors)
Weight	80 g
Degree of protection (IP)	IP 30

Operating temperature 5 °C ... 45 °C

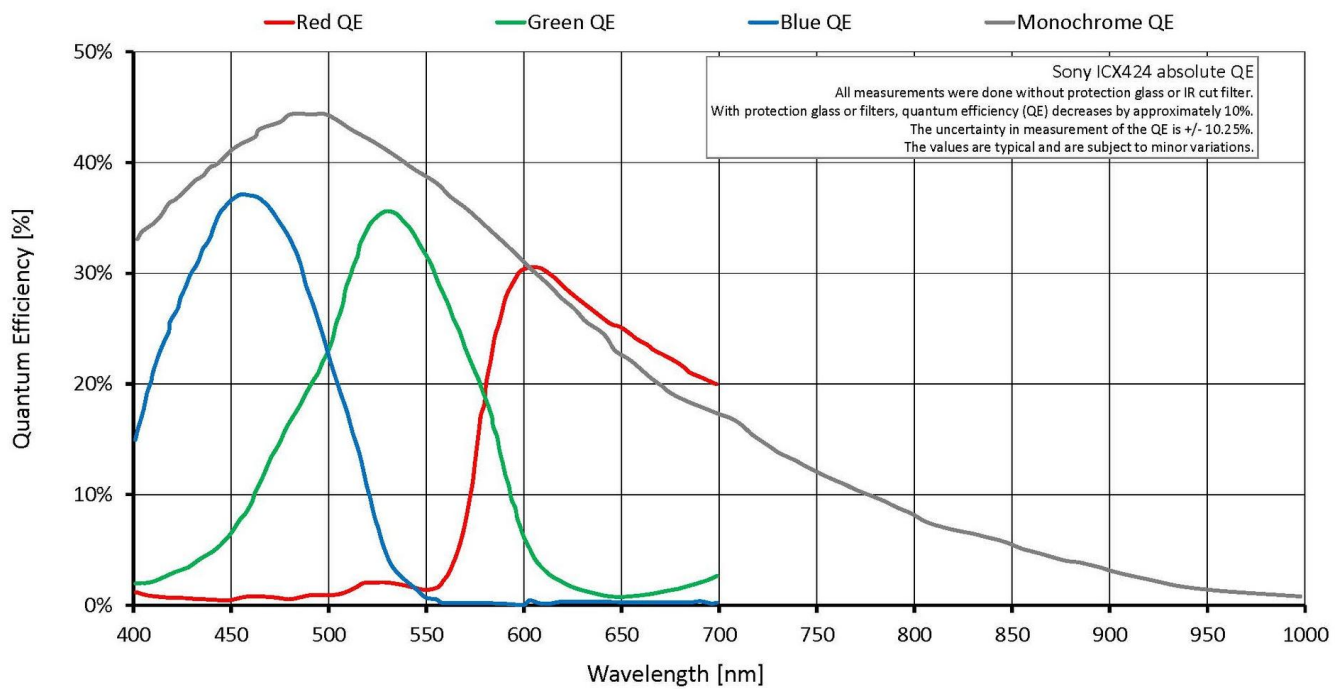
Accessories for Cameras for Multi-Camera Systems - Mako G-032B PoE

Order number	Title	Description
Ethernet Cables		
4-44-182	GigE cable, CAT.6, DC, 3m	RJ45/RJ45, 1 x screw lock, drag chain capable, for GigE Vision cameras
4-44-192	GigE cable, CAT.6, T, 3m	RJ45/RJ45, 1 x screw lock, torsion-capable: $\pm 180^\circ/\text{m}$, for GigE Vision cameras
4-44-186	GigE cable, CAT.6, 3m, 90°d	RJ45/RJ45, 90° angled downwards, in tight spaces, for GigE Vision cameras
4-44-189	GigE cable, CAT.6, 3m, 90°u	RJ45/RJ45, 90° angled upwards, in tight spaces, for GigE Vision cameras
4-44-183	GigE cable, CAT.6, DC, 5m	RJ45/RJ45, 1 x screw lock, drag chain capable, for GigE Vision cameras
4-44-193	GigE cable, CAT.6, T, 5m	RJ45/RJ45, 1 x screw lock, torsion-capable: $\pm 180^\circ/\text{m}$, for GigE Vision cameras
4-44-187	GigE cable, CAT.6, 5m, 90°d	RJ45/RJ45, 90° angled downwards, in tight spaces, for GigE Vision cameras
4-44-190	GigE cable, CAT.6, 5m, 90°u	RJ45/RJ45, 90° angled upwards, in tight spaces, for GigE Vision cameras
4-44-184	GigE cable, CAT.6, DC, 10m	RJ45/RJ45, 1 x screw lock, drag chain capable, for GigE Vision cameras
4-44-194	GigE cable, CAT.6, T, 10m	RJ45/RJ45, 1 x screw lock, torsion-capable: $\pm 180^\circ/\text{m}$, for GigE Vision cameras
4-44-188	GigE cable, CAT.6, 10m, 90°d	RJ45/RJ45, 90° angled downwards, in tight spaces, for GigE Vision cameras
4-44-191	GigE cable, CAT.6, 10m, 90°u	RJ45/RJ45, 90° angled upwards, in tight spaces, for GigE Vision cameras
4-44-185	GigE cable, CAT.6, DC, 25m	RJ45/RJ45, 1 x screw lock, drag chain capable, for GigE Vision cameras
4-40-120	GigE cabel, CAT.6a, 3m	RJ45/RJ45, 1200 MHz, grey, for GigE Vision cameras
PLC-Power Cables		
4-44-195	PLC-power cable, 8p, DC, 5m	HR25-7TP-8S, plug with socket contacts to open cable end, drag chain capable
4-44-196	PLC-power cable, 8p, DC, 10m	HR25-7TP-8S, plug with socket contacts to open cable end, drag chain capable

Drawings



Dimensional drawing in mm



Quantum Efficiency