
Camera for vicosys® - Mako G-419B NIR PoE

Short description: GigE-Camera, mono (NIR), C-Mount, 4.2 MP,
2,048 x 2,048 Pixel, 1"

Order number: 3-12-565



Characteristics

- GigE area scan camera for industrial applications
 - 1" sensor with resolution of 2,048 x 2,048 (mono NIR)
 - industrial GigE Vision interface with Power over Ethernet
 - compact standard housing (61 mm x 29 mm x 29 mm) with class IP30
 - compatible with C-Mount lenses
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Technical data

Sensor Specification

Sensor name	CMOSIS/ams CMV4000
Spectrum	NIR (mono)
Shutter technology	Global Shutter
Sensor format	1"
Sensor diagonal [mm]	15.93
Total resolution [Pixel]	2,048 x 2,048
Total pixel [MP]	4.2
Pixel size [µm]	5.5
Sensor technology	CMV
Sensor alternatives (same technology)	CMV2000 (half height)

Camera Specification

Family	Allied Vision Mako G
Type	Areascan Camera
IR blocking filter	no
LAN speed [MBit/s]	1000
Protection class	IP30
Frame rate [fps]	26.3

General Information

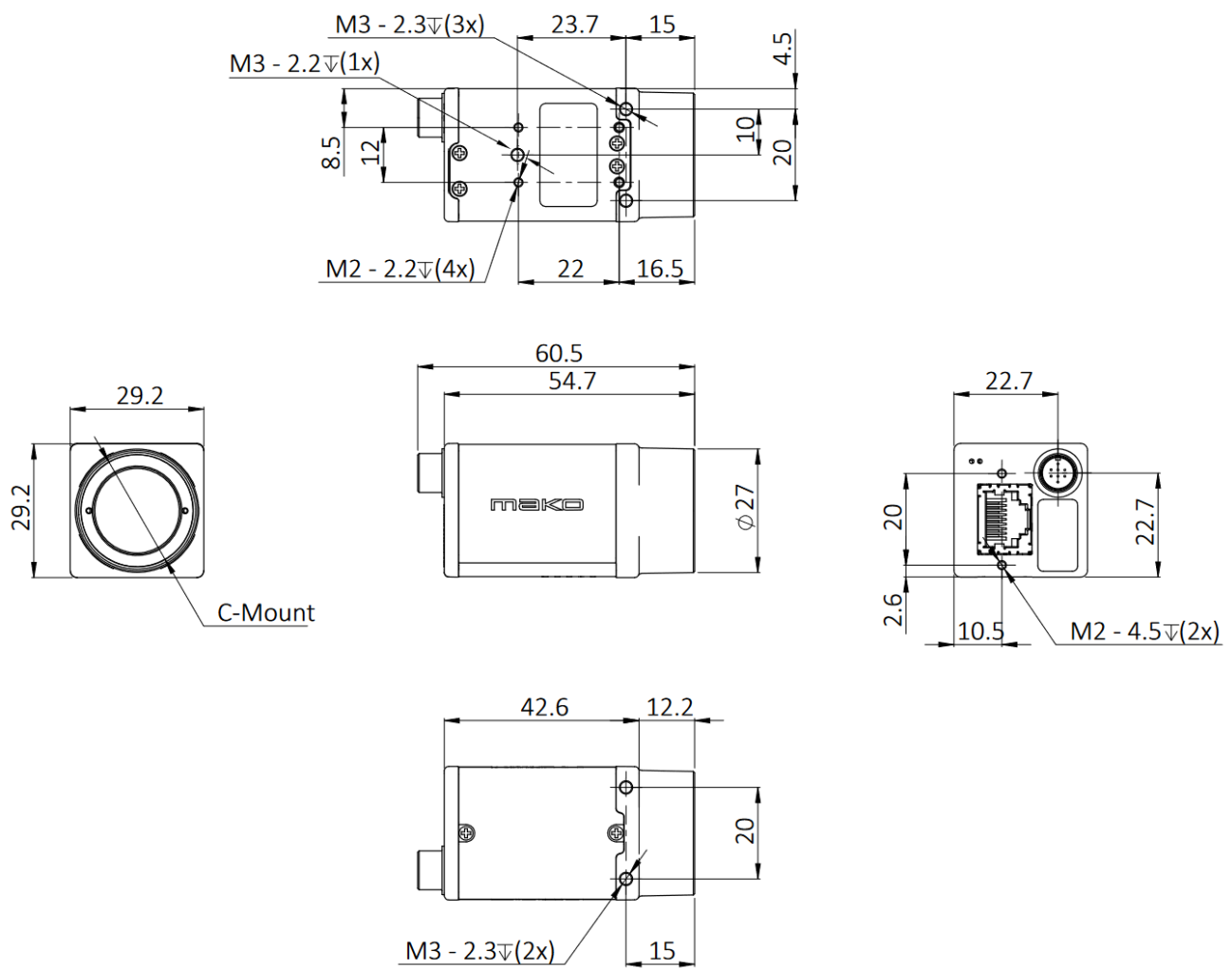
POE	yes
Lens Mount	C-Mount
Weight [g]	80
Housing dimensions	61 mm x 29 x mm 29 mm

Accessories for Cameras for Multi-Camera Systems - Mako G-419B NIR PoE

Order number	Title	Description
Ethernet Cables for Cameras		
4-40-321	Ethernet-Allied-D-3m	Ethernet Cable for Allied Cameras, drag chain suitable, 3m
4-40-325	Ethernet-Allied-D-30m	Ethernet Cable for Allied Cameras, drag chain suitable, 30m
4-40-324	Ethernet-Allied-D-20m	Ethernet Cable for Allied Cameras, drag chain suitable, 20m
4-40-323	Ethernet-Allied-D-10m	Ethernet Cable for Allied Cameras, drag chain suitable, 10m
4-40-322	Ethernet-Allied-D-5m	Ethernet Cable for Allied Cameras, drag chain suitable, 5m
4-40-320	Ethernet-Allied-D-1m	Ethernet Cable for Allied Cameras, drag chain suitable, 1m
4-40-319	Ethernet-Allied-10m	Ethernet Cable for Allied Cameras, 10m
4-40-318	Ethernet-Allied-5m	Ethernet Cable for Allied Cameras, 5m
4-40-317	Ethernet-Allied-3m	Ethernet Cable for Allied Cameras, 3m
POE Injector		
4-40-341	POE-TI-IG30	POE injector for all Gigabit Ethernet Cameras
4-40-339	POE-LACPI30	POE injector for Allied GigE Cameras
4-40-338	POE-TL-POE150S	POE injector for Allied GigE Cameras
Power Supply		
4-40-336	Netzteil-HR25A-7TP-8S	Power Supply for Mako Cameras
Trigger Cables		
4-40-307	SPS-Power-Kabel-HR25A-AVT-2m	I/O Cable for Mako Cameras, 2m
4-40-309	Buchse-HR25A-7TP-8S	Hirose Soldering Connector for Mako Cameras
4-40-308	SPS-Power-Kabel-HR25A-AVT-5m	I/O Cable for Mako Cameras, 5m
Mounting Plates		

Order number	Title	Description
4-40-314	Tripod-Mount-Mako	Mako Mounting Plate, M6 threads and 1/4" UNC

Drawings



Dimensional drawing in mm