
Camera for vicosys® - Mako G-234C PoE

Short description: GigE-Camera, color, C-Mount, 2.4 MP, 1,936 x 1,216 Pixel, 1/1.2"

Order number: 3-12-560



Characteristics

- GigE area scan camera for industrial applications
 - 1/1.2" sensor with resolution of 1,936 x 1,216 (color)
 - 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
-

Technical data

Sensor Specification

Sensor name	Sony IMX249
Spectrum	VIS (color)
Shutter technology	Global Shutter
Sensor format	1/1,2"
Sensor diagonal [mm]	13.40
Total resolution [Pixel]	1,936 x 1,216
Total pixel [MP]	2.4
Pixel size [µm]	5.86
Sensor technology	Pregius (1. Gen)
Sensor alternatives (same technology)	IMX174 (more FPS), IMX392 (more modern)

Camera Specification

Family	Allied Vision Mako G
Type	Areascan Camera
IR blocking filter	yes
LAN speed [MBit/s]	1000
Protection class	IP30
Frame rate [fps]	40

General Information

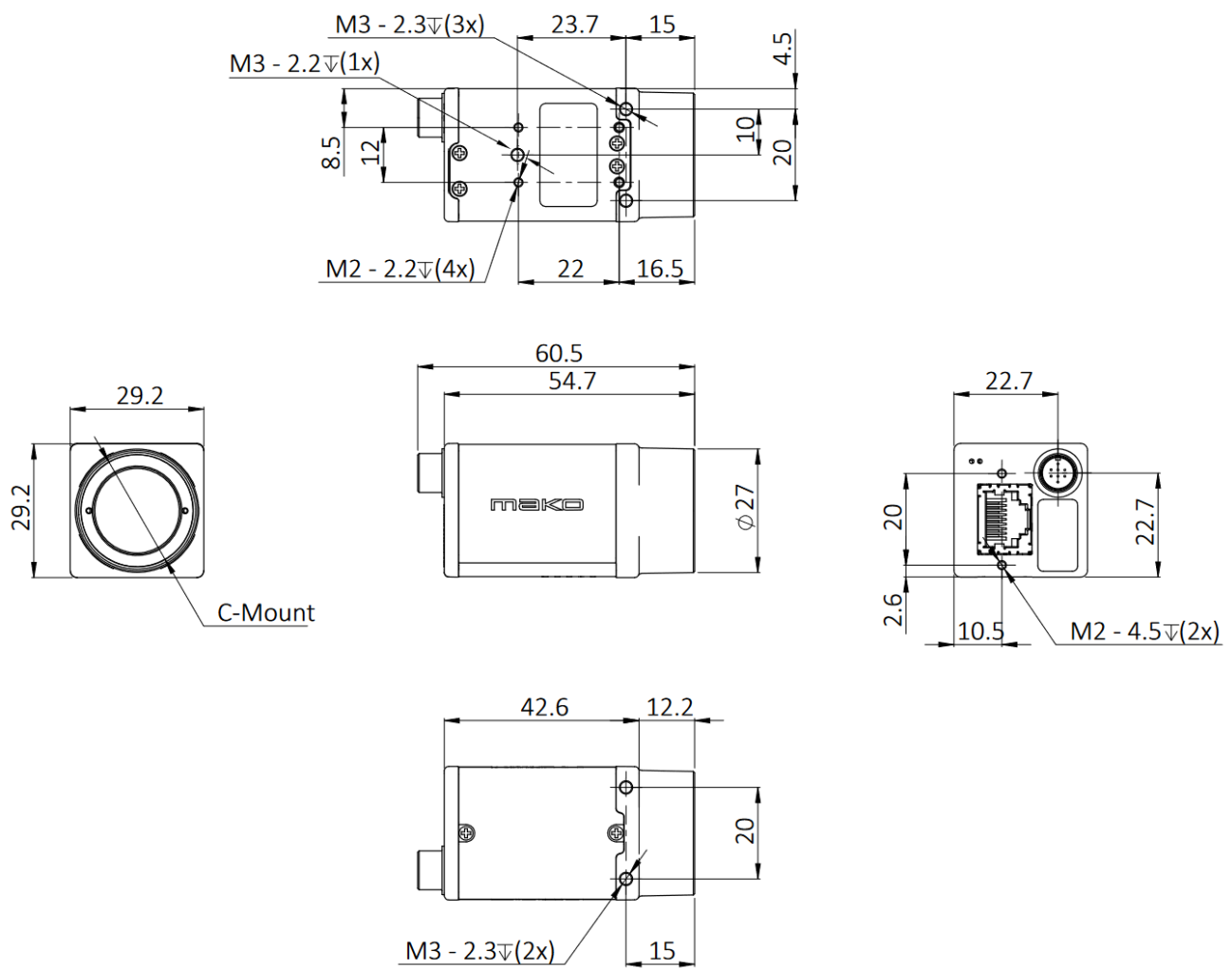
POE	Yes
Lens Mount	C-Mount
Weight [g]	80
Housing dimensions	61 mm x 29 x mm 29 mm

Accessories for Cameras for Multi-Camera Systems - Mako G-234C 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