
Camera for vicosys® - Manta G-1620B PoE

Short description: GigE-Camera, mono, C-Mount, 16.2 MP, 5,328 x 3,040 Pixel, 1.1"

Order number: 3-12-686



Characteristics

- GigE area scan camera for industrial applications
 - 1.1" sensor with resolution of 5,328 x 3,040 (mono)
 - industrial GigE Vision interface with Power over Ethernet
 - standard housing with class IP30
 - compatible with C-Mount lenses
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Technical data

Sensor Specification

Sensor name	Sony IMX542
Spectrum	VIS (mono)
Shutter technology	Global Shutter
Sensor format	1,1"
Sensor diagonal [mm]	16.78
Total resolution [Pixel]	5,328 x 3,040
Total pixel [MP]	16.2
Pixel size [µm]	2.74
Sensor technology	Pregius S
Sensor alternatives (same technology)	IMX530 (more vertical resolution)

Camera Specification

Family	Allied Vision Manta
Type	Areascan Camera
IR blocking filter	no
LAN speed [MBit/s]	1000
Protection class	IP30
Frame rate [fps]	7.4

General Information

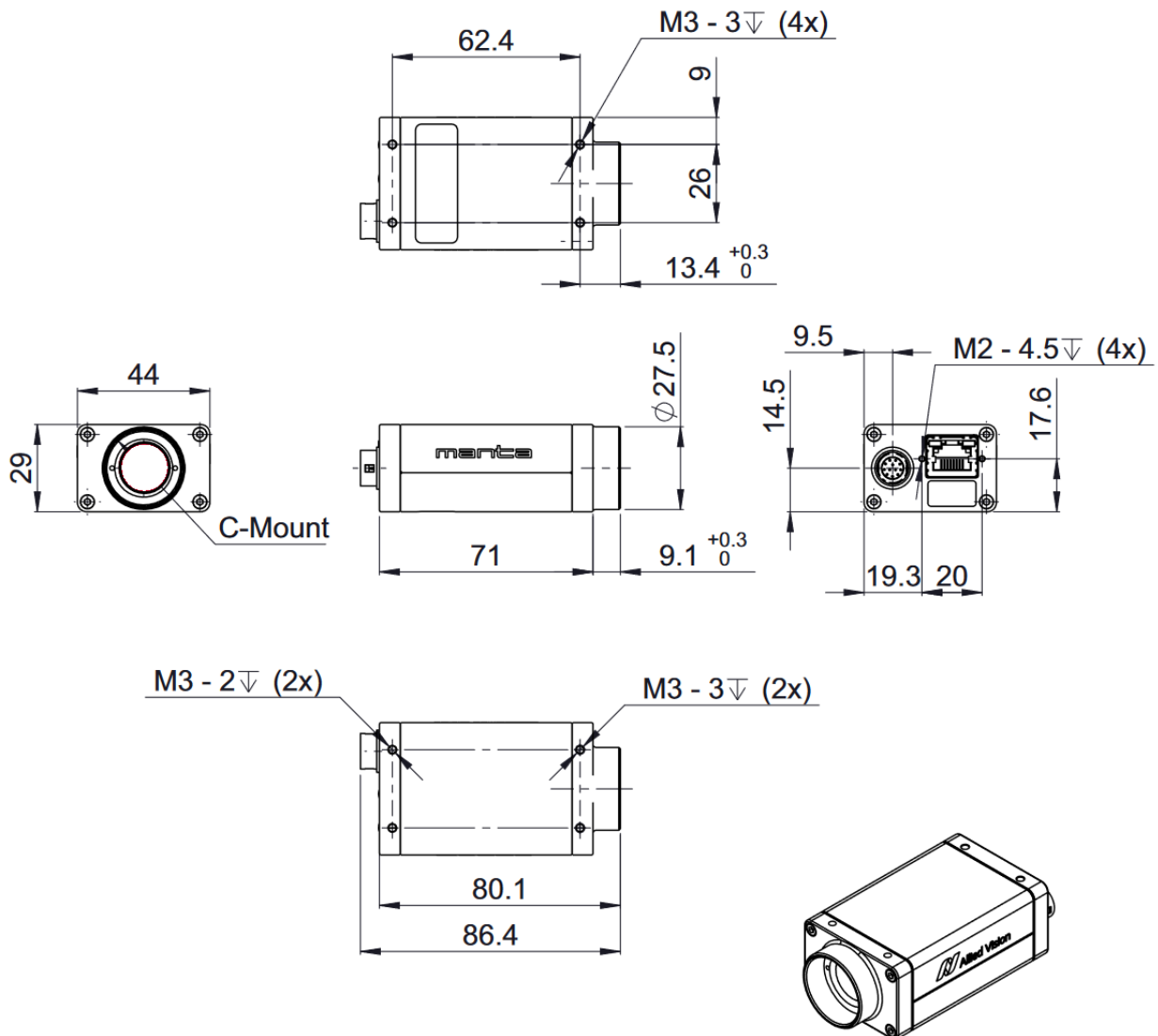
POE	Yes
Lens Mount	C-Mount
Weight [g]	190
Housing dimensions	86 mm x 44 mm x 29 mm

Accessories for Cameras for Multi-Camera Systems - Manta G-1620B PoE

Order number	Title	Description
Ethernet Cables for Cameras		
4-40-320	Ethernet-Allied-D-1m	Ethernet Cable for Allied Cameras, drag chain suitable, 1m
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
4-40-321	Ethernet-Allied-D-3m	Ethernet Cable for Allied Cameras, drag chain suitable, 3m
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		
4-40-334	Netzteil-HR10-10P-12S	Power Supply for Prosilica and Manta Cameras
Trigger Cables		
4-40-303	SPS-Power-Kabel-HR10-AVT-2m	I/O Cable for Prosilica, Goldeye and Manta Cameras, 2m
4-40-311	SPS-Power-Kabel-HR10-AVT-10m	I/O Cable for Prosilica, Goldeye and Manta Cameras, 10m
4-40-310	SPS-Power-Kabel-HR10-AVT-5m	I/O Cable for Prosilica, Goldeye and Manta Cameras, 5m

Order number	Title	Description
4-40-306	Buchse-HR10LP-10S-12S	Connector Hirose angled for Prosilica, Goldeye and Manta Cameras
4-40-305	Buchse-HR10P-10S-12S	Connector Hirose straight for Prosilica, Goldeye and Manta Cameras
4-40-304	SPS-Power-Kabel-HR10-AVT-3m	I/O Cable for Prosilica, Goldeye and Manta Cameras, 3m
Mounting Plates		
4-40-313	Tripod-Mount-Manta	Manta Mounting Plate, M6 threads and 1/4" UNC

Drawings



Dimensional drawing in mm