
Camera for vicosys® - Mako G-1242B PoE

Short description: GigE-Camera, mono, C-Mount, 12.4 MP, 4,128 x 3,008 Pixel, 1/1.1"

Order number: 3-12-665



Characteristics

- GigE area scan camera for industrial applications
 - 1/1.1" sensor with resolution of 4,128 x 3,008 (mono)
 - 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	Sony IMX545
Spectrum	VIS (mono)
Shutter technology	Global Shutter
Sensor format	1/1,1"
Sensor diagonal [mm]	14.10
Total resolution [Pixel]	4,128 x 3,008
Total pixel [MP]	12.4
Pixel size [µm]	2.74
Sensor technology	Pregius S
Sensor alternatives (same technology)	IMX535 (more FPS)

Camera Specification

Family	Allied Vision Mako G
Protocol	GigE
Type	Areascan Camera
IR blocking filter	no
LAN speed [MBit/s]	1000
Protection class	IP30
Frame rate [fps]	9.6

General Information

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

Technical drawings of the M30-200 camera module showing dimensions in millimeters (mm).

Front View (Top): Shows the lens and mounting holes. Dimensions include: 23.7 mm (lens diameter), 15 mm (lens height), 4.5 mm (lens thickness), 10 mm (lens to mounting hole distance), 20 mm (total height), 16.5 mm (mounting hole diameter), 22 mm (mounting hole pitch), 8.5 mm (mounting hole offset), 12 mm (mounting hole diameter), and 29.2 mm (total width).

Side View (Middle): Shows the module profile. Dimensions include: 60.5 mm (total length), 54.7 mm (module length), and $\phi 27$ mm (module diameter).

Rear View (Bottom): Shows the connector and mounting holes. Dimensions include: 22.7 mm (connector width), 20 mm (connector height), 2.6 mm (connector offset), 10.5 mm (connector to mounting hole distance), 22.7 mm (total width), 15 mm (mounting hole diameter), 20 mm (mounting hole pitch), and 42.6 mm (total length).

Mounting Holes:

- M3 - 2.3 ∇ (3x)
- M3 - 2.2 ∇ (1x)
- M2 - 2.2 ∇ (4x)
- M2 - 4.5 ∇ (2x)
- M3 - 2.3 ∇ (2x)

Other Features:

- C-Mount
- RECO

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