
Camera for vicosys® - Alvium G1-1242m mono C-Mount

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

Order number: 3-12-640



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
 - Housing (41 mm x 29 mm x 29 mm) for extended temperature range with up to 65°C and protection 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)

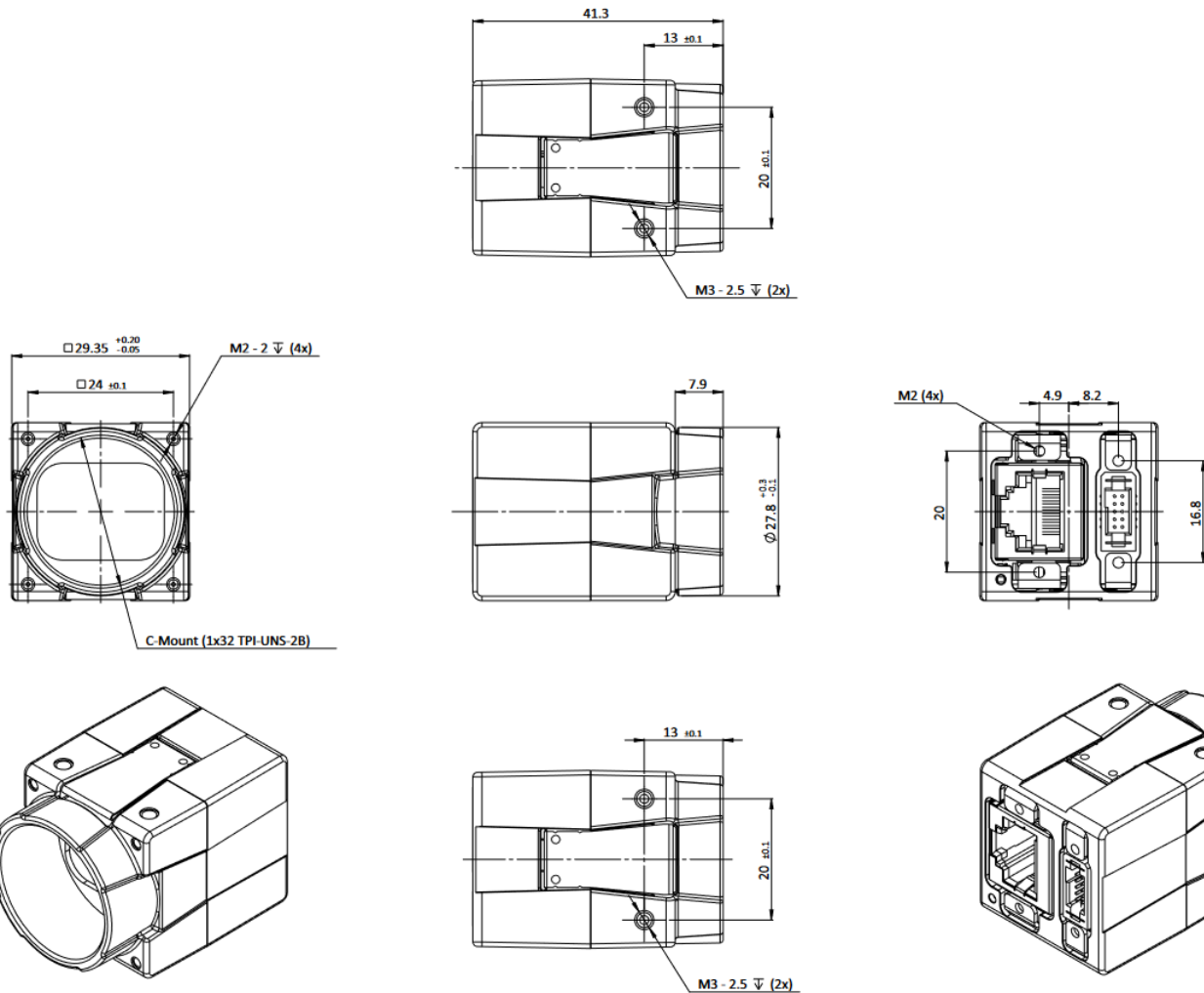
Camera Specification

Family	Allied Vision Alvium GigE
Protocol	GigE-Vision
Type	Areascan Camera
IR blocking filter	no
LAN speed [MBit/s]	1000
Protection class	IP30
Frame rate [fps]	61

General Information

POE	yes
Lens Mount	C-Mount
Weight [g]	65
Housing dimensions	41 mm x 29 mm x 29 mm

Drawings



Dimensional drawing in mm