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## Camera for vicosys® - Alvium G1-030 VSWIR C-Mount

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**Short description:** GigE-Camera, mono (SWIR), C-Mount, 0.3 MP, 656 x 520 Pixel, 1/4"

**Order number:** 3-12-876



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### Characteristics

- GigE area scan camera for industrial applications
  - 1/4" sensor with resolution of 656 x 520 (mono SWIR)
  - 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

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### Sensor Specification

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|---------------------------------------|-------------------------|
| Sensor name                           | Sony IMX991             |
| Spectrum                              | SWIR (mono)             |
| Shutter technology                    | Global Shutter          |
| Sensor format                         | 1/4"                    |
| Sensor diagonal [mm]                  | 4.19                    |
| Total resolution[Pixel]               | 656 x 520               |
| Total pixel [MP]                      | 0.3                     |
| Pixel size [µm]                       | 5                       |
| Sensor technology                     | SenSWIR                 |
| Sensor alternatives (same technology) | IMX990 (mehr Auflösung) |

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### 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]   | 67                        |

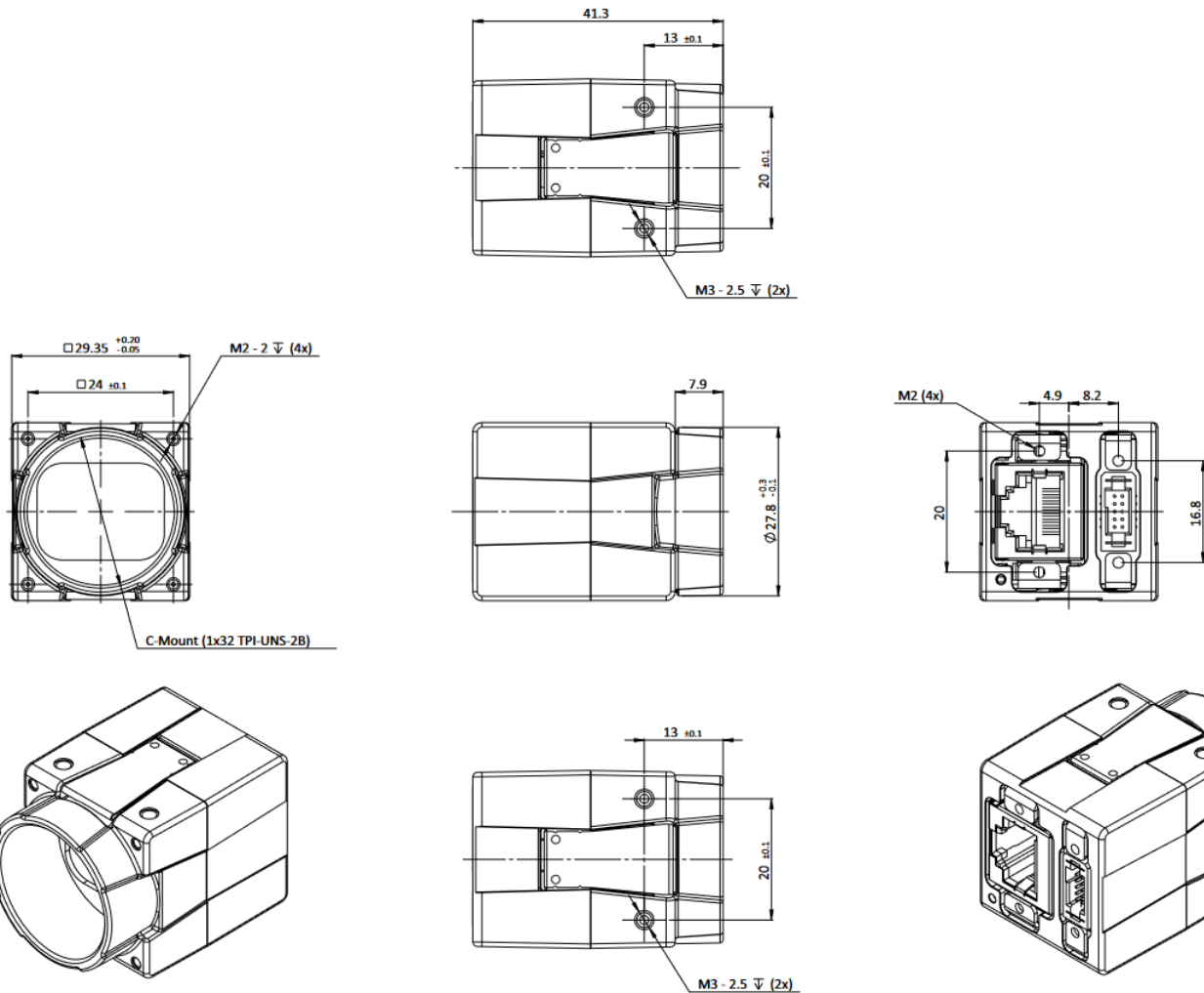
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### General Information

|                    |                       |
|--------------------|-----------------------|
| POE                | yes                   |
| Lens Mount         | C-Mount               |
| Weight [g]         | 373                   |
| Housing dimensions | 41 mm x 29 mm x 29 mm |

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## Drawings



Dimensional drawing in mm