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## Camera for vicosys® - Alvium G1-234c color C-Mount

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

**Order number:** 3-12-634



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### 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
  - 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

|                                       |                                         |
|---------------------------------------|-----------------------------------------|
| 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) |

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### Camera Specification

|                    |                           |
|--------------------|---------------------------|
| Family             | Allied Vision Alvium GigE |
| Protocol           | GigE-Vision               |
| Type               | Areascan Camera           |
| IR blocking filter | yes                       |
| LAN speed [MBit/s] | 1000                      |
| Protection class   | IP30                      |
| Frame rate [fps]   | 65                        |

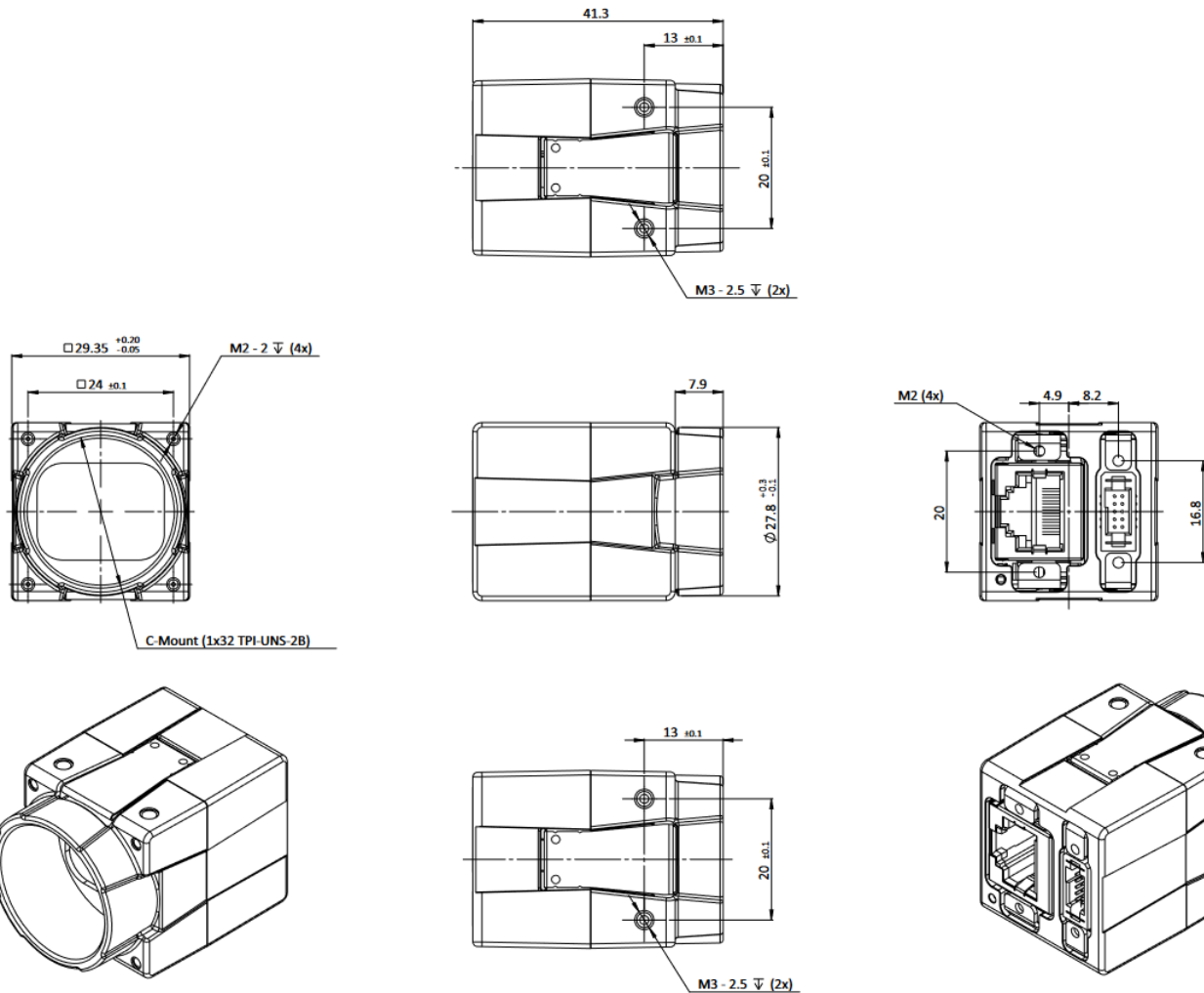
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### General Information

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

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## Drawings



Dimensional drawing in mm