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## Camera for vicosys® - Manta G-319B PoE

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**Short description:** GigE-Camera, mono, C-Mount, 3.2 MP, 2,064 x 1,544 Pixel, 1/1.8"

**Order number:** 3-12-675

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### Characteristics

- GigE area scan camera for industrial applications
  - 1/1.8" sensor with resolution of 2,064 x 1,544 (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

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### Sensor Specification

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|---------------------------------------|-------------------|
| Sensor name                           | Sony IMX265       |
| Spectrum                              | VIS (mono)        |
| Shutter technology                    | Global Shutter    |
| Sensor format                         | 1/1.8"            |
| Sensor diagonal [mm]                  | 8.89              |
| Total resolution[Pixel]               | 2.064 x 1.544     |
| Total pixel [MP]                      | 3.2               |
| Pixel size [µm]                       | 3.45              |
| Sensor technology                     | Pregius (2. Gen)  |
| Sensor alternatives (same technology) | IMX252 (more FPS) |

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### Camera Specification

|                    |                     |
|--------------------|---------------------|
| Family             | Allied Vision Manta |
| Protocol           | GigE-Vision         |
| Type               | Areascan Camera     |
| IR blocking filter | no                  |
| LAN speed [MBit/s] | 1000                |
| Protection class   | IP30                |
| Frame rate [fps]   | 57                  |

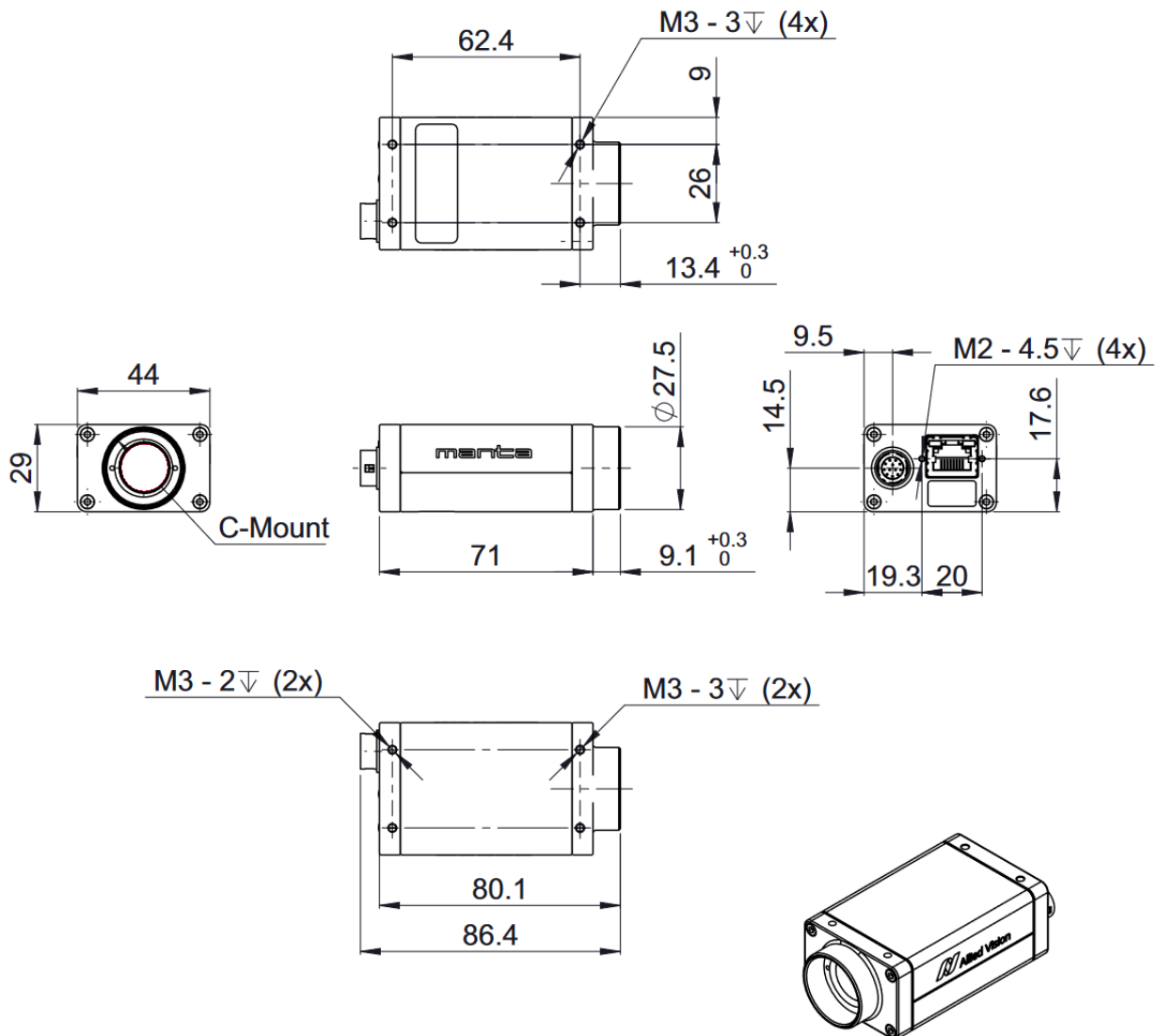
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### General Information

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

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## Drawings



Dimensional drawing in mm