



GIG VISION **GEN<i>i</i>CAM**



sensor information

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|---------------|--------------------------|
| sensor | CMOSIS CMV8000 |
| type | 4/3" global shutter CMOS |
| resolution | 3360 × 2496 px |
| exposure time | 0,04 ... 1000 ms |
| color filter | RGB Bayer Mosaic |
| pixel size | 5.5 × 5.5 µm |

acquisition formats

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|-----------------|---|
| image formats, | Full Frame, 3360 × 2496 px, max. 29,0 fps |
| frame rate max. | |
| pixel formats | BayerGB8 BayerGB12 BayerGB12 Packed |

image pre-processing

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|-----------------|---|
| analog controls | Gain (0 ... 12 dB) Offset (0 ... 255 LSB 12 Bit) |
| color models | Raw Bayer |

interfaces and connectors

| | |
|-------------------|---|
| data interface | Dual Gigabit Ethernet, Transfer rate 2000 Mb/s/sec, Connector: 2 x 8P8C Modular Jack (RJ45), screwable type |
| process interface | M8 / 8 pins |
| power supply | M8 / 8 pins |

mechanical data

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|------------|---|
| material | housing: aluminum |
| lens mount | M58-mount (F-mount, M42, C-mount via adapter) |
| width | 60 mm |
| height | 60 mm |
| depth | 54,25 mm |
| weight | ≤ 290 g (M58-mount) |

electrical data

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|----------------|--|
| voltage supply | 12 ... 24 V DC (external power supply) |
| range +Vs | 36 ... 57 V DC (Power over Ethernet) |

electrical data

| | |
|-------------------|--|
| power consumption | approx. 7,2 W @ 24 VDC approx. 7,2 W @ 48 VDC (PoE) |
|-------------------|--|

environmental conditions

| | |
|-----------------------|------------------------------|
| operating temperature | +5 ... +50 °C |
| humidity | 10 ... 90 % (non-condensing) |
| protection class | IP 40 |

dimension drawing

