



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



sensor information

| | |
|---------------|---------------------------|
| sensor | CMOSIS CMV12000 |
| type | APS-C global shutter CMOS |
| resolution | 4096 × 3072 px |
| exposure time | 0,06 ... 1000 ms |
| pixel size | 5.5 × 5.5 μm |

acquisition formats

| | |
|--------------------------------|---|
| image formats, frame rate max. | Full Frame, 4096 × 3072 px, max. 25,0 fps |
| pixel formats | Mono8 Mono12 |

image pre-processing

| | |
|----------------------|---|
| analog controls | Gain (0 ... 12 dB) Offset (0 ... 255 LSB 12 Bit) |
| color models | Mono |
| image pre-processing | VisualApplets 2.x |

interfaces and connectors

| | |
|-------------------|---|
| data interface | Gigabit Ethernet, Transfer rate 1000 Mbits/sec, Connector: 8P8C Modular Jack (RJ45), screwable type |
| process interface | M8 / 8 pins (2x) |
| power supply | M8 / 8 pins |

mechanical data

| | |
|------------|---|
| 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

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

electrical data

| | |
|-------------------|--|
| power consumption | approx. 7,0 W @ 24 VDC approx. 7,4 W @ 48 VDC (PoE) |
|-------------------|--|

environmental conditions

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

dimension drawing

