



GigE
VISION

GEN<i>i</i>CAM



sensor information

| | |
|---------------|-------------------------------------|
| sensor | ON Semiconductor KAI-01050 |
| type | 1.2" interline progressive scan CCD |
| resolution | 1024 × 1024 px |
| exposure time | 0,004 ... 1000 ms |
| pixel size | 5.5 × 5.5 µm |

acquisition formats

| | |
|-----------------------------------|--|
| image formats, frame rate max. | Full Frame, 1024 × 1024 px, max. 120,0 fps |
| pixel formats | Mono8 Mono10 Mono12 |

image pre-processing

| | |
|------------------|--------------------------------|
| analog controls | Gain (0 ... 26 dB) |
| color adjustment | Offset (0 ... 1023 LSB 14 Bit) |
| color models | Mono |

interfaces and connectors

| | |
|-------------------|---|
| data interface | Dual Gigabit Ethernet, Transfer rate 2000 Mbits/sec, Connector: 2 x 8P8C Modular Jack (RJ45), Screw lock type |
| process interface | M8 / 8 pins |
| power supply | M8 / 3 pins |

mechanical data

| | |
|------------|-------------------|
| material | housing: aluminum |
| lens mount | C-mount |
| width | 52 mm |
| height | 52 mm |
| depth | 72 mm |
| weight | ≤ 285 g |

electrical data

| | |
|----------------|--|
| voltage supply | 20 ... 30 V DC (external power supply) |
| range +Vs | 38 ... 57 V DC (Power over Ethernet) |

electrical data

| | |
|-------------------|--|
| power consumption | approx. 10,5 W @ 24 VDC and 120,0 fps approx. 11 W @ 48 VDC (PoE) and 120,0 fps |
|-------------------|--|

environmental conditions

| | |
|-----------------------|------------------------------|
| operating temperature | +5 ... +60 °C |
| humidity | 10 ... 90 % (non-condensing) |
| protection class | IP 40 |

dimension drawing

