



sensor information

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|---------------|-------------------------------------|
| sensor | SONY ICX625 |
| type | 2/3" interline progressive scan CCD |
| resolution | 2448 × 2050 px |
| exposure time | 0,004 ... 2000 ms |
| color filter | RGB Bayer Mosaic |
| pixel size | 3.45 × 3.45 μm |

acquisition formats

| | |
|-----------------|---|
| image formats, | Full Frame HQ, 2448 × 2050 px, max. 7.5 fps |
| frame rate max. | Full Frame, 2448 × 2050 px, max. 15.0 fps |
| pixel formats | Mono 8 BayerRG8 |

image pre-processing

| | |
|------------------|---|
| analog controls | Gain (0 ... 20 dB) Offset (0 ... 1023 LSB 14 Bit) |
| color models | RGB |
| color processing | Integrated color processor for high quality color calculation |

interfaces and connectors

| | |
|-------------------|---|
| data interface | Gigabit Ethernet, Transfer rate 1000 Mbits/sec, Connector: M12 / 8 pins, Screw lock type |
| process interface | M8 / 4 pins |
| power supply | M8 / 3 pins |

mechanical data

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|------------|-------------------|
| material | housing: aluminum |
| lens mount | C-mount |
| diameter | 65 mm |
| depth | 50 mm |
| weight | ≤ 360 g |

electrical data

| | |
|-------------------|---------------|
| voltage supply | 8 ... 30 V DC |
| range +Vs | |
| power consumption | approx. 5.2 W |

environmental conditions

| | |
|------------------|------------------------------|
| operating | +5 ... +50 °C |
| temperature | |
| humidity | 10 ... 90 % (non-condensing) |
| protection class | IP 67 |

dimension drawing

