

overview

- 1624 × 1236 px
- Sony ICX274
- 1/1.8" CCD
- 16 fps
- Gigabit Ethernet
- Phase-Out starting 04/19, alternative via sales



technical data

| sensor information | | camera features | | |
|----------------------------|--|---|---|--|
| sensor | Sony ICX274 | synchronization | free running trigger sequencer | |
| resolution | 1624 × 1236 px | trigger sources | Hardware software ActionCommand | |
| exposure time | 0,004 ... 60000 ms | trigger delay | 0 ... 2 sec, tracking and buffering of up to 512 trigger signals | |
| pixel size | 4.4 × 4.4 μm | sequencer | Automated control for series of images using different sets of parameters | |
| shutter type | Global shutter | sequencer parameter | exposure time gain factor | |
| sensor type | 1/1.8" CCD | digital inputs | 1 input line (with Debouncer) | |
| acquisition formats | | digital outputs | 1 output line | |
| image formats, interface | Full Frame, 1624 × 1236 px, max. 16 fps Full Frame HQ, 1624 × 1236 px, max. 12 fps Binning 2×2 HQ, 812 × 618 px, max. 24 fps Binning 2×2, 812 × 618 px, max. 49 fps Binning 1×2 HQ, 1624 × 618 px, max. 24 fps Binning 1×2, 1624 × 618 px, max. 49 fps Binning 2×1, 812 × 1236 px, max. 25 fps | internal image buffer | 32 MB | |
| frame rate max. | | interfaces and connectors | | |
| pixel formats | | Mono8 Mono12 Mono12 Packed | data interface | Gigabit Ethernet, Transfer rate 1000 Mbts/sec, Connector: 8P8C Modular Jack (RJ45), screwable type |
| image preprocessing | | process interface | M8 / 4 pins | |
| analog controls | | Gain (0 ... 20 dB) Offset (0 ... 255 LSB 12 Bit) | power supply | M8 / 3 pins |
| color models | Mono | mechanical data | | |
| | | lens mount | C-mount | |
| | | width | 36 mm | |
| | | height | 36 mm | |
| | | depth | 48 mm | |

technical data

mechanical data

| | |
|----------|-------------------|
| weight | ≤ 90 g |
| material | housing: aluminum |

electrical data

| | |
|--------------------------|---------------|
| voltage supply range +Vs | 8 ... 30 V DC |
| power consumption | approx. 4,0 W |

environmental conditions

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

environmental conditions

| | |
|------------------|-------|
| protection class | IP 40 |
|------------------|-------|

conformity

| | |
|------------|--|
| conformity | CE KC (R-R-BkR-TXG20) RoHS FCC UL EAC |
|------------|--|

dimension drawing

