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USB³
VISION **GEN*i*CAM**



| sensor information | |
|------------------------------|--|
| sensor | Sony IMX267 |
| resolution | 4096 × 2160 px |
| exposure time | 0,001 ... 60000 ms |
| pixel size | 3.45 × 3.45 μm |
| shutter type | Global shutter |
| sensor type | 1" CMOS |
| acquisition formats | |
| image formats, interface | Full Frame, 4096 × 2160 px, max. 39 fps |
| frame rate max. | Binning 2×2, 2048 × 1080 px, max. 39 fps Binning 2×1, 2048 × 2160 px, max. 39 fps Binning 1×2, 2048 × 1080 px, max. 39 fps |
| image formats, acquisition | Full Frame, 4096 × 2160 px, max. 40 fps |
| frame rate max. (Burst Mode) | |
| pixel formats | Mono8 Mono10 Mono12 Mono12 Packed |
| image preprocessing | |
| analog controls | Gain (0 ... 48 dB) Offset (0 ... 255 LSB 12 Bit) |
| color models | Mono |
| interfaces and connectors | |
| data interface | USB 3.0, Transfer Rate 5000 Mbits/sec, Connector: USB 3.0 Micro B |
| process interface | M8 / 8 pins (SACC-DSI-M8MS-8CON-M8-L180) |
| power supply | via USB 3.0 interface |
| mechanical data | |
| lens mount | C-mount |
| width | 29 mm |
| height | 29 mm |
| depth | 38 mm |

| mechanical data | |
|--------------------------|--|
| weight | ≤ 90 g |
| material | zinc die casting, nickel-plated, IP 40 |
| electrical data | |
| power consumption | approx. 3,4 W @ 39 fps |
| operating voltage | 5 VDC (via USB3.0 interface) |
| non-volatile memory | |
| flash memory size | 128 kB |
| environmental conditions | |
| operating temperature | +5 ... +65 °C @ T = measurement point |
| humidity | 10 ... 90 % (non-condensing) |
| protection class | IP 40 |
| digital I/Os | |
| lines | 1 input line 1 output line 2 general purpose lines |
| conformity | |
| conformity | CE RoHS EAC |

The product characteristics and technical data provided do not express or imply any warranty. Technical modifications and errors reserved. EN/250219

VCXU-91M

USB 3.0, 8,9 Megapixel, Monochrome

Article number: 11173817

dimension drawing

