



USB
VISION **GEN<i>i>CAM**



sensor information

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|---------------|--------------------|
| 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 | BayerRG8 BayerRG10 BayerRG12 BayerRG12 Packed Mono8 Mono10 Mono12 Mono12 Packed RGB8 BGR8 |
|---------------|--|

image preprocessing

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|-----------------|---|
| analog controls | Gain (0 ... 48 dB) Offset (0 ... 255 LSB 12 Bit) |
| color models | Mono Raw Bayer RGB BGR |

interfaces and connectors

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|----------------|--|
| data interface | USB 3.0, Transfer Rate 5000 Mbits/sec, Connector: USB 3.0 Micro B |
|----------------|--|

interfaces and connectors

| | |
|-------------------|--|
| process interface | M8 / 8 pins (SACC-DSI-M8MS-8CON-M8-L180) |
| power supply | via USB 3.0 interface |

mechanical data

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|------------|--|
| lens mount | C-mount |
| width | 29 mm |
| height | 29 mm |
| depth | 38 mm |
| weight | ≤ 90 g |
| material | zinc die casting, nickel-plated, IP 40 |

electrical data

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|-------------------|------------------------------|
| power consumption | approx. 3,7 W @ 39 fps |
| operating voltage | 5 VDC (via USB3.0 interface) |

non-volatile memory

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|-------------------|--------|
| flash memory size | 128 kB |
|-------------------|--------|

environmental conditions

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|-----------------------|---------------------------------------|
| 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 |
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conformity

| | |
|------------|-------------------|
| conformity | CE RoHS EAC |
|------------|-------------------|

VCXU-91C

USB 3.0, 8,9 Megapixel, Color

Article number: 11173818

dimension drawing

