



**GigE**  
VISION

**GEN<i>i>CAM**



#### sensor information

|               |                            |
|---------------|----------------------------|
| sensor        | CMOSIS CMV2000             |
| type          | 2/3" progressive scan CMOS |
| resolution    | 2040 × 1084 px             |
| exposure time | 0,015 ... 1000 ms          |
| pixel size    | 5.5 × 5.5 µm               |

#### acquisition formats

|                                |   |
|--------------------------------|---|
| image formats, frame rate max. | Full Frame, 2040 × 1084 px, max. 55,0 fps |
| pixel formats                  | Mono8<br>Mono12<br>Mono12 Packed          |

#### image pre-processing

|                 |   |
|-----------------|---|
| analog controls | Gain (0 ... 18 dB)<br>Offset (0 ... 255 LSB 12 Bit) |
| color models    | Mono  |

#### interfaces and connectors

|                   |  |
|-------------------|--|
| data interface    | Gigabit Ethernet, Transfer rate 1000 Mbits/sec, Fast Ethernet, Transfer Rate 100 Mbits/sec, Connector: 8P8C Modular Jack (RJ45), screw lock type |
| process interface | SACC-DSI-M8FS-3CON-M10-L180 SH   |
| power supply      | SACC-DSI-M 8MS-6CON-L180 SH  |

#### mechanical data

|            |  |
|------------|--|
| material   | zinc die casting, nickel-plated, IP 40 |
| lens mount | C-mount                                |
| width      | 33 mm                                  |
| height     | 33 mm                                  |
| depth      | 48 mm                                  |
| weight     | ≤ 150 g                                |

#### electrical data

|                |  |
|----------------|--|
| voltage supply | 12 ... 24 V DC (external power supply) |
| range +Vs      | 36 ... 57 V DC (Power over Ethernet)   |

#### electrical data

|                   |  |
|-------------------|--|
| power consumption | approx. 3,5 W @ 12 VDC and 55,0 fps<br>approx. 3,8 W @ 48 VDC (PoE) and 55,0 fps |
|-------------------|--|

#### environmental conditions

|                       |                              |
|-----------------------|------------------------------|
| operating temperature | +5 ... +50 °C                |
| humidity              | 10 ... 90 % (non-condensing) |
| protection class      | IP 40                        |

#### digital I/Os

|       |                                |
|-------|--------------------------------|
| lines | 1 input line<br>3 output lines |
|-------|--------------------------------|

#### dimension drawing

