

## HXC20c

Camera Link, 2 Megapixel, Color

Article number: 11047486

### Overview

- 2048 × 1088 px
- ams (CMOSIS) CMV2000
- 2/3" CMOS
- 337 fps
- Camera Link Full



Picture similar



### Technical data

#### Sensor information

|               |                      |
|---------------|----------------------|
| Sensor        | ams (CMOSIS) CMV2000 |
| Mono/Color    | Color                |
| Color filter  | RGB Bayer Mosaic     |
| Sensor type   | 2/3" CMOS            |
| Shutter type  | Global shutter       |
| Resolution    | 2048 × 1088 px       |
| Pixel size    | 5.5 × 5.5 µm         |
| Exposure time | 0.02 ... 1000 ms     |

#### Acquisition formats

|                                          |                                          |
|------------------------------------------|------------------------------------------|
| Image formats, interface frame rate max. | Full Frame, 2048 × 1088 px, max. 337 fps |
| Pixel formats                            | BayerGB8<br>BayerGB10<br>BayerGB12       |

#### Image preprocessing

|                 |                                              |
|-----------------|----------------------------------------------|
| Analog controls | Gain (0 ... 12 dB)<br>Offset (0 ... 255 LSB) |
| Color models    | Raw Bayer                                    |

#### Camera features

|                 |                                                                  |
|-----------------|------------------------------------------------------------------|
| Synchronization | free running trigger                                             |
| Trigger sources | Hardware<br>Software<br>FrameGrabber                             |
| Trigger delay   | 0 ... 2 sec, tracking and buffering of up to 512 trigger signals |

#### Camera features

|                       |                                                                           |
|-----------------------|---------------------------------------------------------------------------|
| Sequencer             | Automated control for series of images using different sets of parameters |
| Sequencer parameter   | Exposure time<br>gain factor<br>Output                                    |
| Digital inputs        | 3 input line (each with Debouncer)                                        |
| Digital outputs       | 3 output lines                                                            |
| Internal image buffer | 256 MB                                                                    |

#### Interfaces and connectors

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Data interface    | Camera Link Full, connector: 2 x Standard SDR26 (Mini CL) |
| Process interface | M8 / 8 pins                                               |
| Power supply      | via M8 / 3 pins                                           |

#### Mechanical data

|            |                              |
|------------|------------------------------|
| Lens mount | C-mount (F-mount on request) |
| Width      | 52 mm                        |
| Height     | 52 mm                        |
| Depth      | 37 mm                        |
| Weight     | ≤ 185 g                      |
| Material   | housing: aluminum            |

#### Electrical data

|                          |                 |
|--------------------------|-----------------|
| Voltage supply range +Vs | 9.6 ... 30 V DC |
| Power consumption        | Approx. 5.5 W   |

#### Environmental conditions

|                       |               |
|-----------------------|---------------|
| Operating temperature | +5 ... +60 °C |
|-----------------------|---------------|

## HXC20c

Camera Link, 2 Megapixel, Color

Article number: 11047486

### Technical data

#### Environmental conditions

|                  |                              |
|------------------|------------------------------|
| Humidity         | 10 ... 90 % (non-condensing) |
| Protection class | IP 40                        |

#### Conformity

|            |                         |
|------------|-------------------------|
| Conformity | CE                      |
|            | RoHS                    |
|            | FCC                     |
|            | KC (MISP-REI-BkR-HXC40) |
|            | EAC                     |

### Dimension drawing

