

## overview

- 1384 × 1036 px
- Sony ICX285
- 2/3" CCD
- 30 fps
- Gigabit Ethernet
- Phase-Out starting 04/19, alternative via sales



## technical data

### sensor information

|               |                    |
|---------------|--------------------|
| sensor        | Sony ICX285        |
| resolution    | 1384 × 1036 px     |
| exposure time | 0,004 ... 60000 ms |
| color filter  | RGB Bayer Mosaic   |
| pixel size    | 6.45 × 6.45 µm     |
| shutter type  | Global shutter     |
| sensor type   | 2/3" CCD           |

### acquisition formats

|                                          |                                                                                                                 |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| image formats, interface frame rate max. | Full Frame, 1384 × 1036 px, max. 30 fps<br>Full Frame HQ, 1384 × 1036 px, max. 15 fps                           |
| pixel formats                            | Mono8<br>BayerRG8<br>BayerRG12<br>RGB8 Packed<br>BGR8 Packed<br>YUV411 Packed<br>YUV422 Packed<br>YUV444 Packed |

### image preprocessing

|                  |                                                               |
|------------------|---------------------------------------------------------------|
| analog controls  | Gain (0 ... 20 dB)<br>Offset (0 ... 1023 LSB 14 Bit)          |
| color models     | RGB<br>YUV<br>Mono                                            |
| color processing | Integrated color processor for high quality color calculation |

### camera features

|                       |                                                                  |
|-----------------------|------------------------------------------------------------------|
| synchronization       | free running<br>trigger                                          |
| trigger sources       | Hardware<br>software<br>ActionCommand                            |
| trigger delay         | 0 ... 2 sec, tracking and buffering of up to 512 trigger signals |
| digital inputs        | 1 input line (with Debouncer)                                    |
| digital outputs       | 1 output line                                                    |
| internal image buffer | 32 MB                                                            |

### interfaces and connectors

|                   |                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------|
| data interface    | Gigabit Ethernet, Transfer rate 1000 Mb/s/sec, Connector: 8P8C Modular Jack (RJ45), screwable type |
| process interface | M8 / 4 pins                                                                                        |
| power supply      | M8 / 3 pins                                                                                        |

### mechanical data

|            |                   |
|------------|-------------------|
| lens mount | C-mount           |
| width      | 36 mm             |
| height     | 36 mm             |
| depth      | 48 mm             |
| weight     | ≤ 90 g            |
| material   | housing: aluminum |

### electrical data

|                          |               |
|--------------------------|---------------|
| voltage supply range +Vs | 8 ... 30 V DC |
| power consumption        | approx. 5,0 W |

## TXG14cf

Gigabit Ethernet, 1,4 Megapixel, Color

Article number: 11008760

### technical data

#### environmental conditions

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

#### conformity

|            |      |
|------------|------|
| conformity | CE   |
|            | RoHS |
|            | FCC  |
|            | UL   |
|            | EAC  |

### dimension drawing

