



# chromaPIXA Camera Link

chromaPIXA 4k

## General

|                 |                        |
|-----------------|------------------------|
| Model:          | chromaPIXA 4k          |
| Product code:   | CP000584-4096          |
| Product series: | chromaPIXA Camera Link |
| Status:         | Available              |

## Sensor

|                                 |                    |
|---------------------------------|--------------------|
| Sensor type:                    | Line scan 2D       |
| Chroma:                         | Color              |
| Spectrum:                       | Visible            |
| Spectral range:                 | 1000 nm to 1000 nm |
| Resolution:                     | 4,096 × 3 lines    |
| Sensor architecture (material): | ccd                |

## Pixel formats

|                   |                   |
|-------------------|-------------------|
| Data format:      | 3× 8/10 Bit color |
| Sensor bit depth: | 14-bit            |

## Timing and gain

|                            |        |
|----------------------------|--------|
| Max. line rate tri-linear: | 50 kHz |
|----------------------------|--------|

## I/Os and power

|                |                                    |
|----------------|------------------------------------|
| I/O connector: | External IO (15 pin D-Sub, female) |
| Power supply:  | 12 to 24 VDC                       |

## I/Os and power

Power consumption: External: 19 W

## Mechanical properties

Body dimensions (L x W x H in mm): 102 × 77 × 100

IP class: IP50

Lens mount(s): -

Weight: 1000 g

## On-board memory and FPGA

Non-volatile memory (Flash): 4 KByte

## Interfaces

Digital interface: camera link @ 85 mhz full, medium, base

Interface connector: Camera Link (MDR)

Vision standard: Camera Link

## FW features - image control

Exposure modes: manual

Gain modes: manual, auto

White balance modes: manual, auto

Image control features: Brightness and Contrast, Gamma, Flash (Multi field imaging)

## FW features - camera control

Camera control features: Yes