

# 3DPIXA

## 3DPIXA wave dual



### General

Model	3DPIXA wave dual
Product code	CP000600-D02-030-0450
Product series	3DPIXA
Status	Available

### Sensor

Sensor type	Line scan 3D
Chroma	Color
Spectrum	Visible
Spectral range	360 nm to 960 nm
Sensor architecture (material)	cmos

### Pixel formats

Data format	3 × 8 Bit color
Sensor bit depth	12-bit

### Timing and gain

Max. line rate tri-linear	18 kHz
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### I/Os and power

I/O connector	External I/O (15 pin D-Sub, fem.)
Power supply	12 V – 24 V DC ± 10 %; 1 A @ 24 V
Power consumption	External: 40 W

### Mechanical properties

IP class	IP50
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## Mechanical properties

Weight	11000 g
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## On-board memory and FPGA

Non-volatile memory (Flash)	16 KByte
User data memory	No separate memory space

## 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

Trigger modes/sync	freerun, internal, software-trigger, software, external-trigger, external, line-trigger, frame-trigger, encoder
Camera control features	Yes