

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

I/Os and power

Power consumption: External: 40 W

Mechanical properties

IP class: IP50

Weight: 11000 g

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