

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