General

Model:	3DPIXA pro dual 5µm HR
Product code:	CP000520-D02-005-0035
Product series:	3DPIXA
Status:	Available

Sensor

Sensor type:	Line scan 3D
Chroma:	Color
Spectrum:	Visible
Spectral range:	1000 nm to 1000 nm
Sensor architecture (material):	ccd

Pixel formats

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

Timing and gain

Max. line rate tri-linear:	29 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: 38 W

Mechanical properties

IP class:	IP50
Lens mount(s):	-
Weight:	12000 g

On-board memory and FPGA

Non-volatile memory (Flash):	4 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