



General

Model:	3DPIXA pro dual 200µm
Product code:	CP000520-D02-200-1400
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: 11000 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