Allied Vision

3DPIXA

3DPIXA pro dual 615µm

General

Model	3DPIXA pro dual 615µm
Product code	CP000520-E02-615-4400
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
Power consumption	External: 38 W

Mechanical properties

IP class	IP50

Mechanical properties

Lens mount(s)	-
Weight	10000 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