

allPIXA evo CXP

allPIXA evo 16k CXP Color Z



General

Model:	allPIXA evo 16k CXP Color Z
Product code:	CP000620-S-16K-33-L1-C1-Z
Product series:	allPIXA evo CXP
Status:	Available

Sensor

Sensor type:	Line scan 2D
Chroma:	Color
Spectrum:	Visible
Spectral range:	1000 nm to 1000 nm
Resolution:	16,384 × 4 lines
Sensor architecture (material):	cmos
Pixel size:	5.00 µm × 5.00 µm

Pixel formats

Data format:	3 × 8/10/12 Bit color or 1 × 8/10/12 Bit mono or
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Timing and gain

Max. line rate single-line:	73 kHz
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I/Os and power

I/O connector:	External I/O (15 pin HD D-Sub, fem.)
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I/Os and power

Power supply:	12 V – 24 V DC \pm 20 %; 1 A @ 24 V
Power consumption:	External: 24 W

Mechanical properties

Body dimensions (L x W x H in mm):	102 × 113 × 102
IP class:	IP50
Lens mount(s):	M95 × 1 mm
Weight:	1100 g

On-board memory and FPGA

Non-volatile memory (Flash):	32 KByte
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Interfaces

Digital interface:	4 × cxp-12 micro-bnc
Interface connector:	Micro-BNC
Vision standard:	CoaXPress

FW features - image control

Exposure modes:	manual
Gain modes:	auto, manual
White balance modes:	auto, manual

Quantum Efficiency



