



allPIXA evo CXP

allPIXA evo 16k CXP Color Y

General

Model	allPIXA evo 16k CXP Color Y
Product code	CP000620-S-16K-33-L1-C1-Y
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.)
Power supply	12 V – 24 V DC ± 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



