



allPIXA evo CXP

allPIXA evo 32K CXP Mono Y

General

Model	allPIXA evo 32K CXP Mono Y
Product code	CP000620-S-32K-33-L1-M-Y
Product series	allPIXA evo CXP
Status	Available

Sensor

Sensor type	Line scan 2D
Chroma	Mono
Spectrum	Visible-NIR
Spectral range	400 nm to 1000 nm
Resolution	32,768 × 1 lines
Sensor architecture (material)	cmos
Pixel size	5.00 µm × 5.00 µm

Pixel formats

Data format	1 × 8/10/12 Bit mono
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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 to 24 VDC, PoCXP
Power consumption	External: 24 W

Mechanical properties

Body dimensions (L x W x H in mm)	102 × 102 × 113
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	cxp-12 with 4 connections
Interface connector	Micro-BNC
Vision standard	CoaxPress

FW features - image control

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

Quantum Efficiency



