

allPIXA evo CXP

allPIXA evo 8k CXP Z



General

Model:	allPIXA evo 8k CXP Z
Product code:	CP000620-S-08K-33-F1-C1-Z
Product series:	allPIXA evo CXP
Status:	Available

Sensor

Sensor type:	Line scan 2D
Chroma:	Color+Mono+NIR
Spectrum:	Visible-NIR
Spectral range:	360 nm to 960 nm
Resolution:	8,192 × 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 4 × 8/10/12 RGB + NIR
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Timing and gain

Max. line rate single-line:	100 kHz
Max. line rate tri-linear:	100 kHz
Max. line rate quad-linear:	100 kHz

I/Os and power

I/O connector:	External I/O (15 pin HD D-Sub, fem.)
Power supply:	12 V – 24 V DC ± 10 %; 1 A @ 24 V
Power consumption:	External: 24 W

Mechanical properties

Body dimensions (L x W x H in mm):	102 × 76 × 82
IP class:	IP50
Lens mount(s):	M72 × 0.75 mm / F-mount
Weight:	900 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



