Allied Vision

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
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 or1 × 8/10/12 Bit mono or4 × 8/10/12 RGB + NIR

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

I/Os and power

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

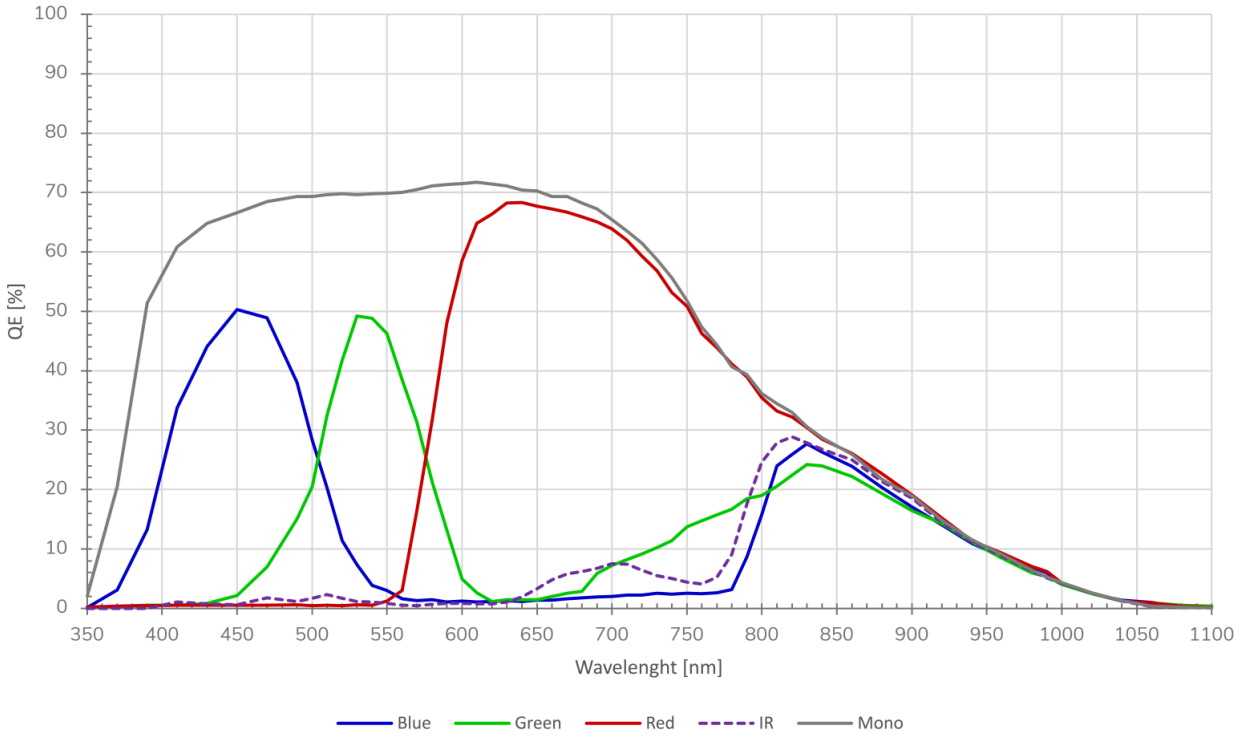
Interfaces

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

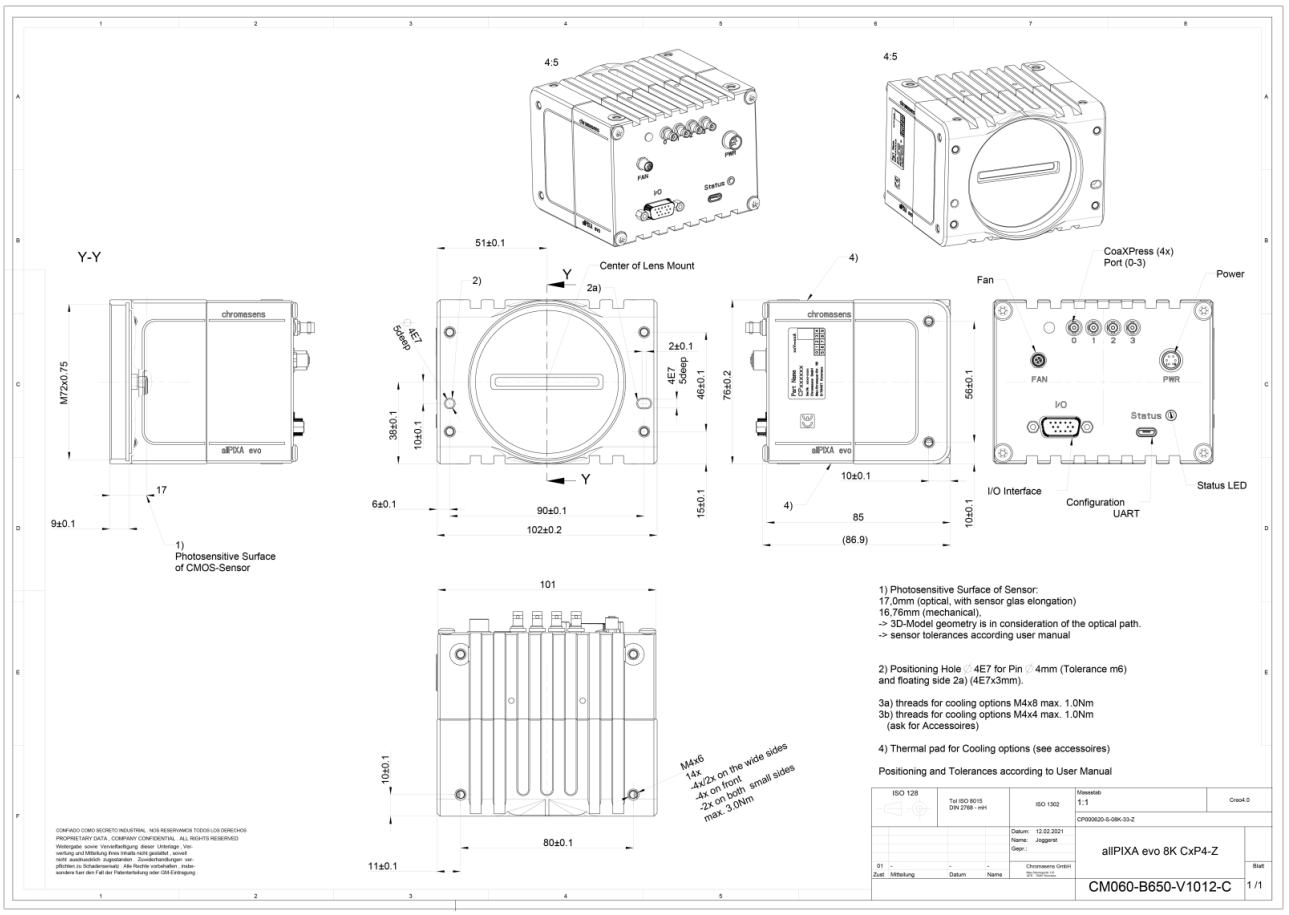
FW features - image control

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

Quantum Efficiency



Technical Drawing



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