Allied Vision



allPIXA evo 10GigE

allPIXA evo 15k DXGE Mono

General

Model	allPIXA evo 15k DXGE Mono
Product code	CP000620-S-15K-11-F1-M-X
Product series	allPIXA evo 10GigE
Status	Available

Sensor

Sensor type	Line scan 2D
Chroma	Mono
Spectrum	Visible
Spectral range	360 nm to 960 nm
Resolution	15,360 × 3 lines
Sensor architecture (material)	cmos
Pixel size	5.60 µm × 5.60 µm

Pixel formats

Data format	1 × 8/10/12 Bit mono

Timing and gain

Max. line rate single-line	68 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)	M95 × 1 mm
Weight	900 g

On-board memory and FPGA

Non-volatile memory (Flash)	32 KByte

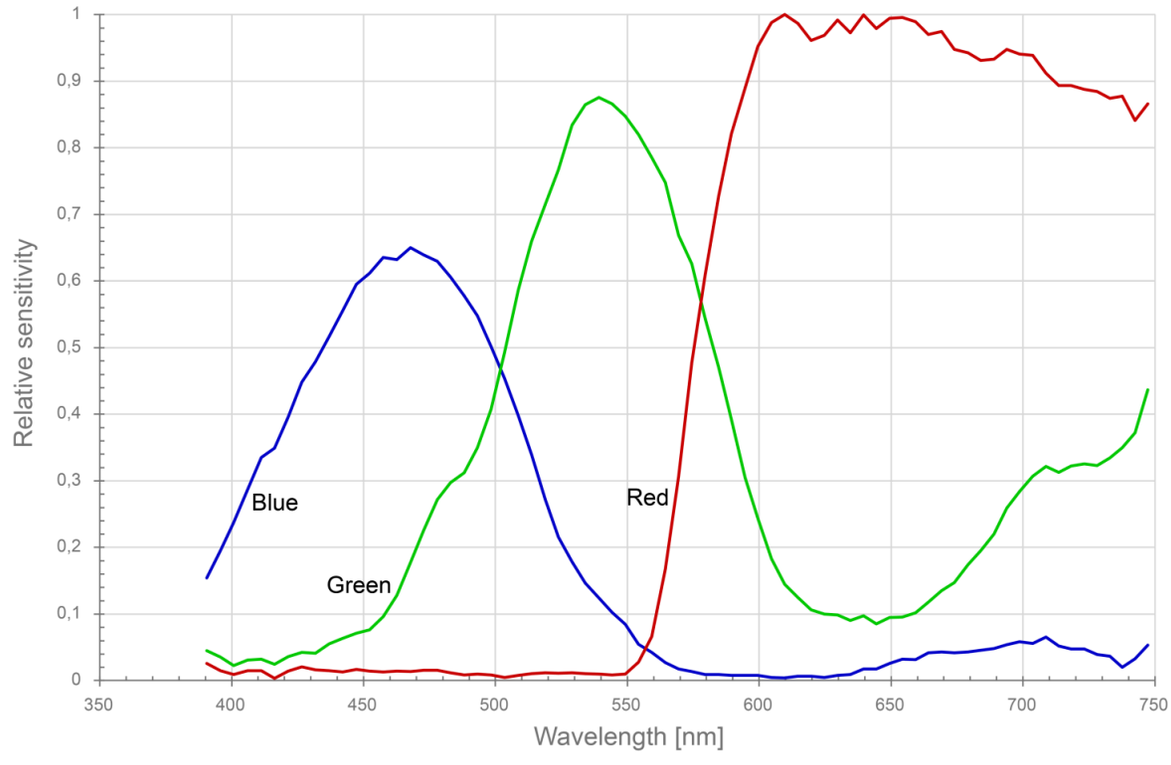
Interfaces

Digital interface	2× 10 gige over fiber
Interface connector	SFP+
Vision standard	GigE Vision

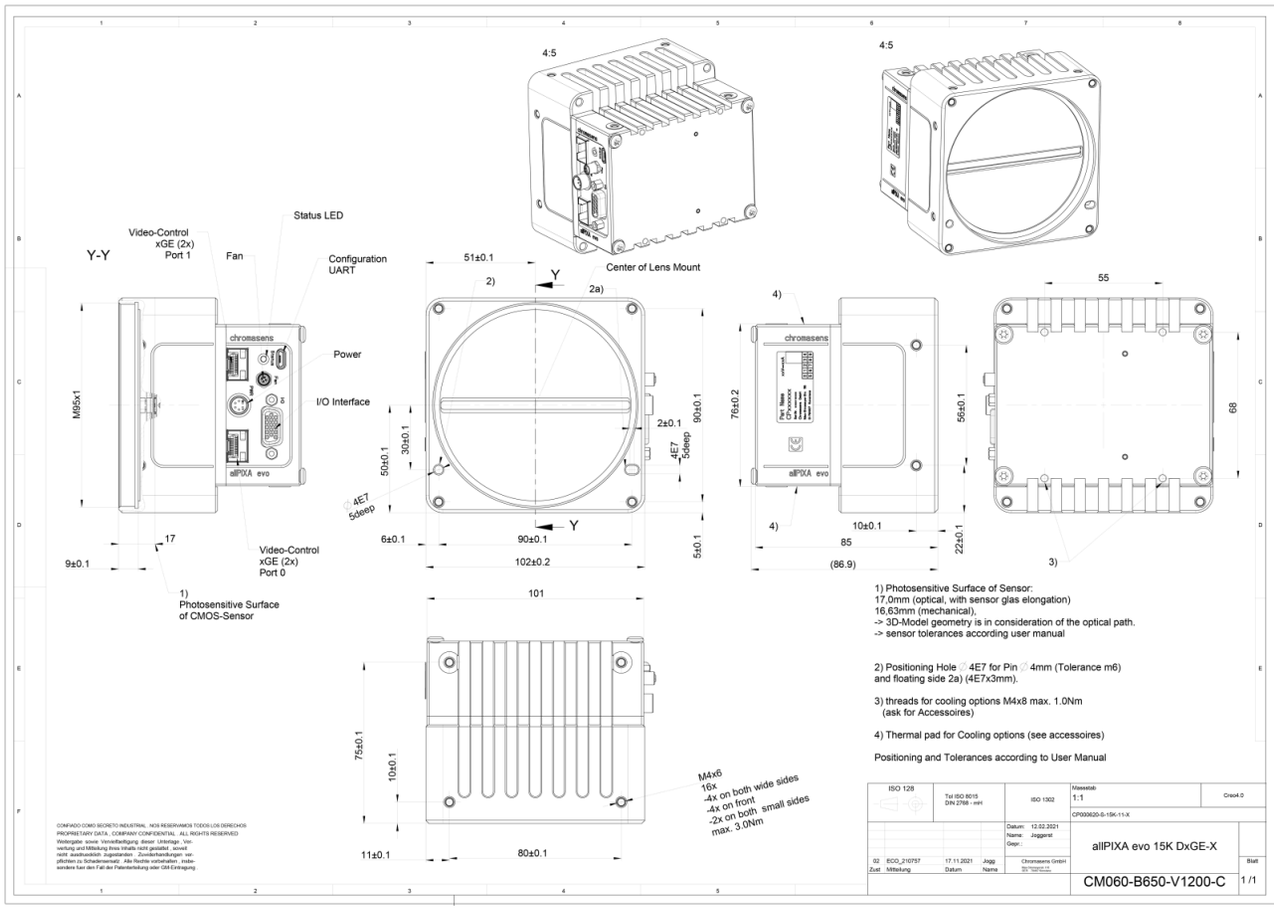
FW features - image control

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

Quantum Efficiency



Technical Drawing



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