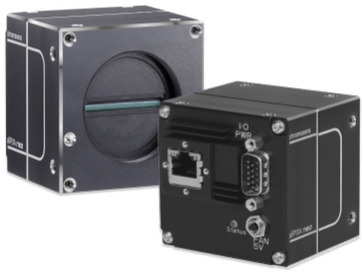
Allied Vision

alliPIXA neo 10GigE

alliPIXA neo 4k 10GigE Color



General

Model	alliPIXA neo 4k 10GigE Color
Product code	CP000660-04k-77-C1-A1
Product series	alliPIXA neo 10GigE
Status	Available

Sensor

Sensor type	Line scan 2D
Chroma	Color, Mono
Spectrum	Visible
Spectral range	400 nm to 960 nm
Resolution	4,096 × 4 lines
Sensor architecture (material)	cmos
Pixel size	7.00 µm × 7.00 µm

Pixel formats

Data format	3 × 8/10/12 Bit color or 1 × 8/10/12 Bit mono or 4 × 8/10/12 RGB + Mono

Timing and gain

Max. line rate tri-linear	90 kHz
Max. line rate quad-linear	80 kHz

I/Os and power

I/O connector	External I/O (15 pin HD D-Sub, male)
Power supply	PoE or digital I/O port
Power consumption	External: 12 W

Official Distributor: B2S

Mechanical properties

Body dimensions (L x W x H in mm)	62 × 62 × 62
IP class	IP50
Lens mount(s)	M42 × 1 mm / F-Mount, TFL
Weight	350 g

On-board memory and FPGA

Image buffer (RAM)	512 MByte
Non-volatile memory (Flash)	1024 KByte

Interfaces

Digital interface	single 10 gige
Interface connector	RJ45 (10GBase-T)
Vision standard	GigE Vision 2.0 compliant

FW features - image control

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

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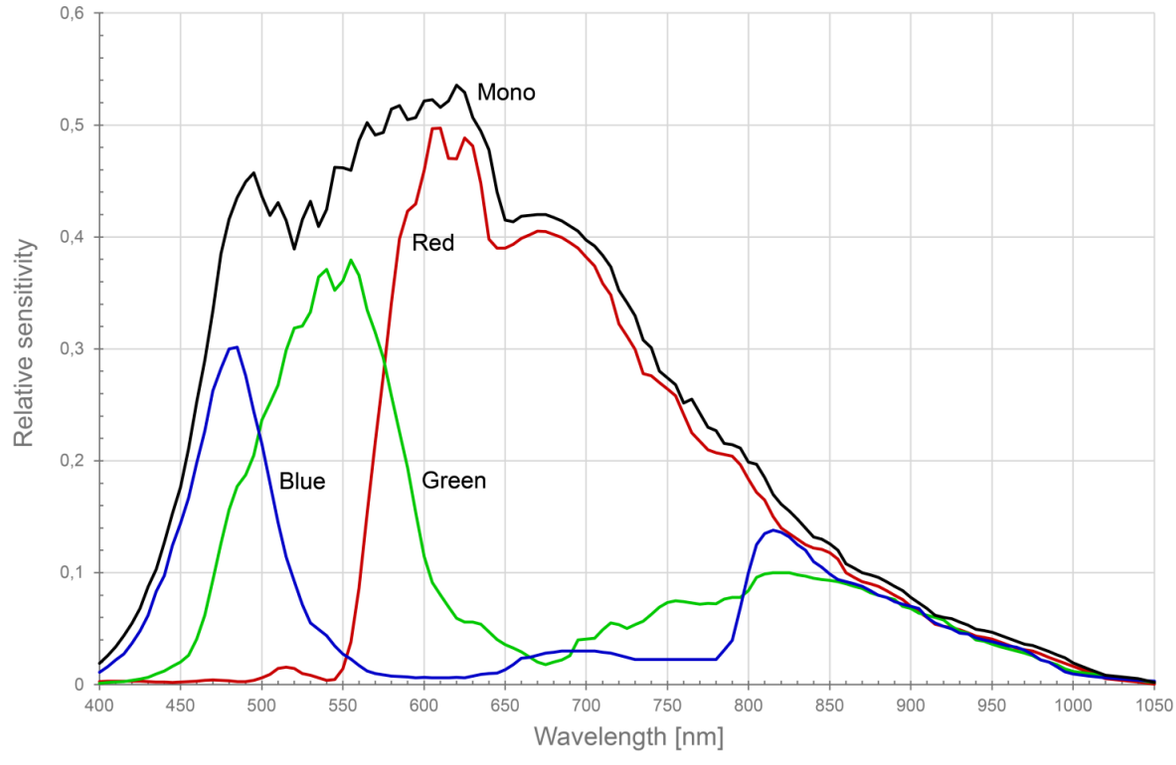
Quantum Efficiency



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Technical Drawing

