Allied Vision



FXO CXP (4 Connections)

fxo936CCX12-4C

□□	
□□	fxo936CCX12-4C
□□□□	F002438
□□□□	FXO CXP (4 Connections)
□□	Available

□□□	
□□□□□	Area scan
□□	Color
□□	Visible
□□□□	400 nm to 1000 nm
□□□	4,128 × 3,008 (12.40 MP)
□□□□□	Sony IMX936
□□□□□□□□□	cmos
□□□□	Global shutter (GS)
□□□□□	11.31 × 8.24 mm (14 mm, Type 1/1.1)
□□□□	2.74 µm × 2.74 µm

□□□□	
□□□□□□	12-bit, 8-bit
RGB□□□□	bayer12, bayer8

□□□□□	
□□□□	339.6 fps
□□□□	7 µs to 60 s
□□	0.0 dB to 48.0 dB

I/O□□□

□□□□□IO	0 x LVDS input, 0 x LVDS output, 0 x TTL input, 0 x TTL output, 0 x 24V input, 1 x Open drain output,
□□□□□□□IO	0 x RS232 input, 0 x RS232 output, 0 x RS422 input, 0 x RS422 output,
□□□□□□	1 x Optical isolated input, 0 x Optical isolated input,
I/O□□	4-pin molex 53398-0471
□□□□	Power over CoaXPress only
□□	9 W (typical)

□□□□

□□□□	-10 °C to 60 °C (□□)
Humidity	10 % to 90 % (non-condensing)

□□□□

□□□□□L x W x H mm□	34 × 50 × 50
□□□/□□□□	IR-Cut - 680nm
IP□□□□	IP30
□□□□	C-Mount
□□	130 g

□□□□FPGA

□□□□□□□□□□□	32 MByte

□□

□□□□	cxp-12 with 4 connections
□□□□□	(micro-BNC)
□□□□	CoaXPress 2.0

□□□□ - □□□□

□□□□	auto, external, manual
□□□□	auto, manual
□□□□□	auto, manual
□□□□□□	lut, mirror-image, roi

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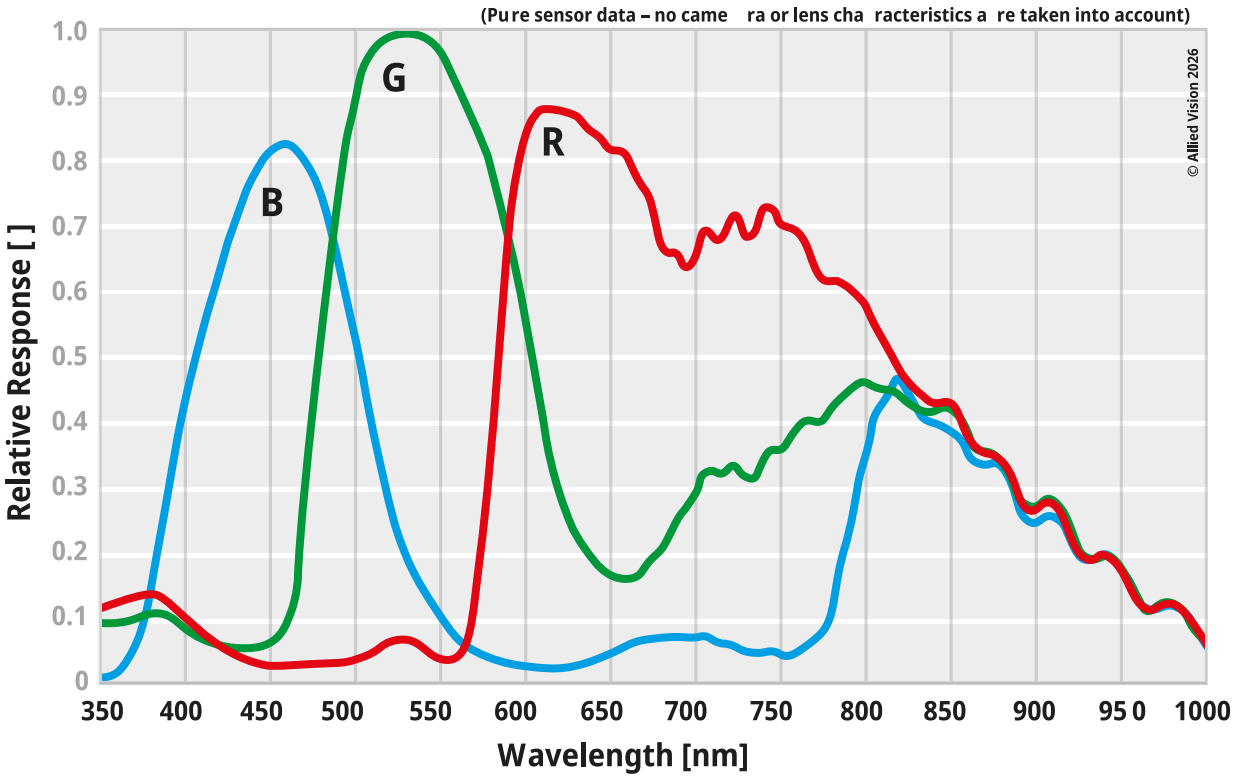
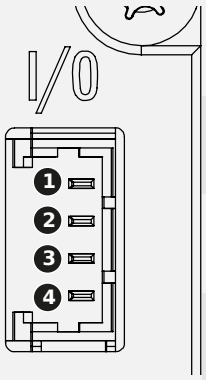
□□□□ - □□□□

□□□□/□□	external, internal, software

Quantum Efficiency



I/O pin assignment

Position	Pin	Signal
	1	GND
	2	IO Out (open drain)
	3	IO In+ (opto In+)
	4	IO In- (opto In-)