

Allied Vision

FXO CXP (4 Connections)

fxo936MCX12-4C

반	
모델	fxo936MCX12-4C
제품 코드	F002436
제품 시리즈	FXO CXP (4 Connections)
상태	Available

센서	
센서 유형	Area scan
크로마	Mono
스펙트럼	Visible
스펙트럼 범위	400 nm to 1000 nm
해상도	4,128 × 3,008 (12.40 MP)
센서 모델	Sony IMX936
센서 아키텍처 (소재)	cmos
셔터 유형	Global shutter (GS)
센서 크기	11.31 × 8.24 mm (14 mm, Type 1/1.1)
픽셀 크기	2.74 µm × 2.74 µm

픽셀 형식	
센서 비트 심도	12-bit, 8-bit
모노크롬 픽셀 형식	mono12, mono8

타이밍 및 게인	
최대 프레임 속도	339.6 fps
노출 시간	7 µs to 60 s
게인	0.0 dB to 48.0 dB

Allied Vision

I/O □ □□

□□□ □□	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,
□□ □□□ □□	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
□□/□□ □□	K9 - AR coating - 400-850nm
IP □□	IP30
□□ □□□	C-Mount
□□	130 g

□□□ □□□ □ FPGA

□□□□ □□□ (□□□)	32 MByte

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

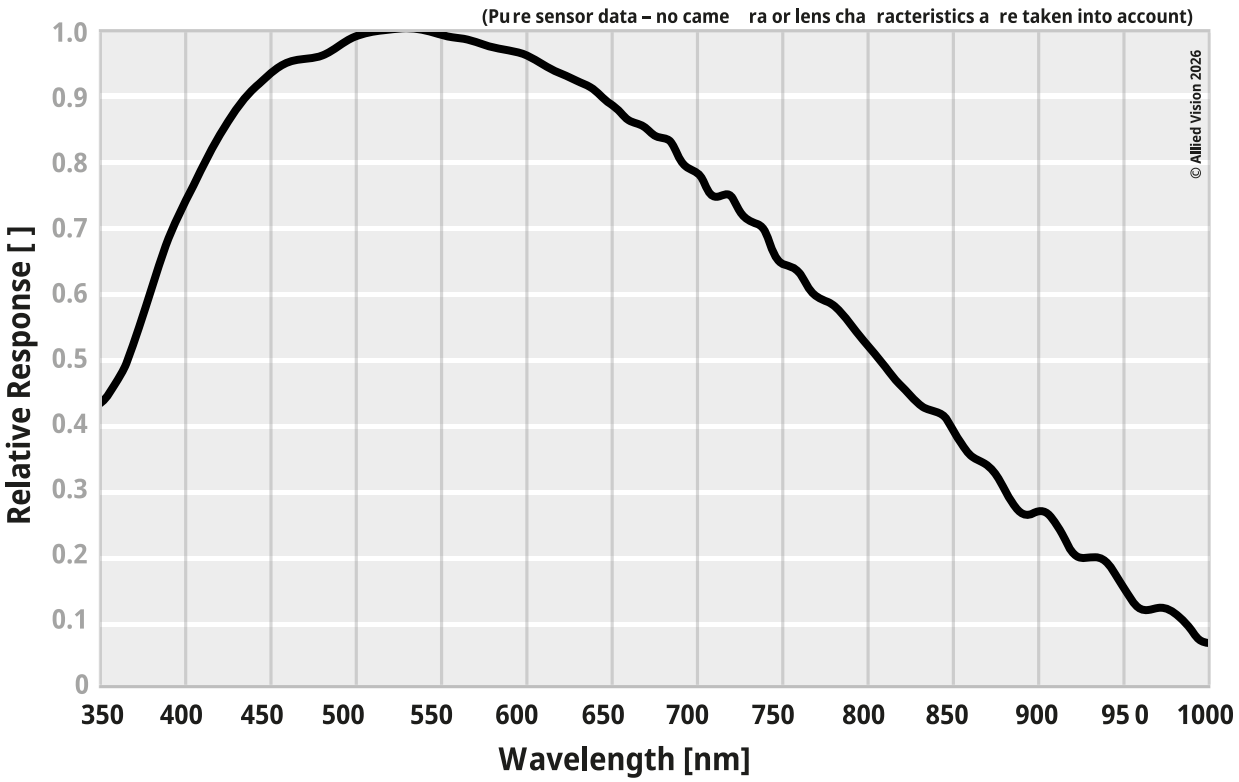
FW □□ - □□□ □□

□□ □□	auto, external, manual
□□ □□	auto, manual
□□□ □□□ □□	auto, manual
□□□ □□ □□	dpc, ffc, lut, mirror-image, roi, shading-correction

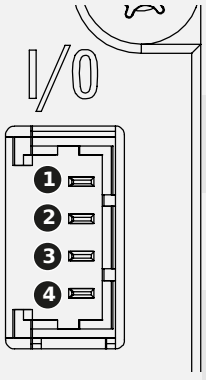
FW 기능 - 카메라 제어

트리거 모드/동기화	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-)