



# FXO CXP (4 Connections)

fxo936CCX12-4C

## General

Model	fxo936CCX12-4C
Product code	F002438
Product series	FXO CXP (4 Connections)
Status	Available

## Sensor

Sensor type	Area scan
Chroma	Color
Spectrum	Visible
Spectral range	400 nm to 1000 nm
Resolution	4,128 × 3,008 (12.40 MP)
Sensor model	Sony IMX936
Sensor architecture (material)	cmos
Shutter type(s)	global-shutter
Sensor size	11.31 × 8.24 mm (14 mm, 14mm (Type 1/1.1))
Pixel size	2.74 μm × 2.74 μm

## Pixel formats

Sensor bit depth	8-Bit,12-Bit
RGB pixel formats	bayer8, bayer12

## Timing and gain

Max. frame rate	339.6 fps
Exposure time	7 μs to 60 s
Gain	0.0 dB to 48.0 dB

## I/Os and power

Non-isolated lines	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,
Specific non-isolated lines	0 x RS232 input, 0 x RS232 output, 0 x RS422 input, 0 x RS422 output,
Opto-isolated lines	1 x Optical isolated input, 0 x Optical isolated input,
Power supply	Power over CoaXPress
Power consumption	9 W (typical)

## Operating conditions

Operating temperature (housing)	-10 °C to 60 °C (Housing)
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## Mechanical properties

Body dimensions (L x W x H in mm)	34 x 50 x 50
IP class	IP30
Lens mount(s)	C-Mount
Weight	130 g

## On-board memory and FPGA

Non-volatile memory (Flash)	32 MByte
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## Interfaces

Digital interface	cxp-12 with 4 connections
Interface connector	(micro-BNC)

## FW features - image control

Exposure modes	Manual, Auto, External
Gain modes	Auto, Manual
White balance modes	auto, manual
Image control features	FW Features - Image Control

## FW features - camera control

Trigger modes/sync	INTERNAL,SOFTWARE,EXTERNAL
Camera control features	PoCxP, User Sets, PWM(4), Sequencer,