

# FXO 10GigE

fxo530MXGE



Preliminary product information. Features and technical specifications are subject to change without notice.

## General

Model:	fxo530MXGE
Product code:	F002443
Product series:	FXO 10GigE
Status:	Prototype/engineering sample

## Sensor

Sensor type:	Area scan
Chroma:	Color
Spectrum:	Visible
Spectral range:	400 nm to 1000 nm
Resolution:	5,328 × 4,608 (24.60 MP)
Sensor model:	Sony IMX530
Sensor architecture (material):	cmos
Shutter type(s):	global-shutter
Sensor size:	14.6 × 12.63 mm (19.3 mm, 19.3mm (Type 1.2))
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:	47.2 fps
Exposure time:	5 $\mu$ s 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, 2 x 24V input, 4 x Open drain output,
Specific non-isolated lines:	1 x RS232 input, 1 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:	10 to 25VDC
Power consumption:	External: 12 W (typical)

## Operating conditions

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

Body dimensions (L x W x H in mm):	76 × 50 × 50
Filter/protection glass:	IR-Cut 680
IP class:	IP30
Lens mount(s):	C-Mount
Weight:	240 g

## On-board memory and FPGA

Image buffer (RAM):	896 MByte
Non-volatile memory (Flash):	32 MByte

## Interfaces

Digital interface:	10gige
Interface connector:	(RJ-45)

## 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:

PTP, RDMA support, User Sets, PWM(4), Sequencer,

preliminary