

FXO 100GigE

fxo926C100GE



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

一般

型號:	fxo926C100GE
產品編號:	F002401
產品系列:	FXO 100GigE
狀態:	Prototype/engineering sample

感測器

感測器類型:	Area scan
色度:	Color
光譜:	Visible
光譜範圍:	350 nm to 1000 nm
解析度:	4,096 × 3,008 (12.30 MP)
感測器型號:	Sony IMX926
感測器架構 (材料):	cmos
快門類型:	global-shutter
感測器尺寸:	11.22 × 8.24 mm (13.92 mm, 14mm (Type 1/1.1))
像素大小:	2.74 μm × 2.74 μm

像素格式

感測器位深:	8-Bit,12-Bit
RGB 像素格式:	bayer8, bayer12, bayer12packed

時序與增益

最大影格率:	660.8 fps
曝光時間:	4 μ s to 60 s
增益:	0.0 dB to 48.0 dB

I/O 與電源

非隔離線:	0 x LVDS input, 0 x LVDS output, 0 x TTL input, 0 x TTL output, 2 x 24V input, 2 x Open drain output,
特定非隔離線:	0 x RS232 input, 0 x RS232 output, 1 x RS422 input, 1 x RS422 output,
光隔離線:	0 x Optical isolated input, 0 x Optical isolated input,
電源供應:	24 to 25VDC
功耗:	External: 26 W (typical)

操作條件

操作溫度 (機殼):	-10 °C to 60 °C
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機械特性

機殼尺寸 (長 x 寬 x 高 mm):	101 × 58 × 58
濾光片/保護玻璃:	IR-Cut 680
防護等級:	IP30
鏡頭接口:	C-Mount
重量:	450 g

板載記憶體與 FPGA

影像緩衝區 (RAM):	4032 MByte
非揮發性記憶體 (Flash):	32768 MByte

介面

數位介面:	100gige
介面連接器:	(QSFP28)

FW 功能 – 影像控制

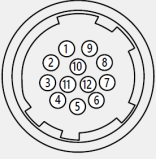
曝光模式:	Manual, Auto, External
增益模式:	Auto, Manual
白平衡模式:	auto, manual
影像控制功能:	FW Features - Image Control

FW 功能 – 相機控制

相機控制功能:

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

I/O 引腳分配



Hirose 12 Pin

1	V In- (GND)
2	V In+ (24 V DC)
3	In 4 (Rx D RS232)
4	Out 4 (Tx D RS232)
5	In 1 (0 ... 24 V)
6	In 2 (0 ... 24 V)
7	Out 1 (open drain)
8	Out 2 (open drain)
9	In 3+ (opto In+)
10	In 3- (opto In-)
11	Out 3 (open drain)
12	Out 0 (open drain)

preliminary