



Goldeye CL

Goldeye CL-034 XSWIR 1.9 TEC2

Goldeye CL-034 XSWIR 1.9 TEC2 high-speed camera is the fastest VGA resolution extended short wave infrared camera (XSWIR) with GigE Vision interface. Frame rates up to 303 fps at full resolution enable you to access versatile application fields and to speed up your processes.

一般

型號:	Goldeye CL-034 XSWIR 1.9 TEC2
產品系列:	Goldeye CL
狀態:	Available

感測器

感測器類型:	Area scan
色度:	Mono
光譜:	eXtended SWIR, SWIR
光譜範圍:	1100 nm to 1900 nm
解析度:	636 × 508 (0.30 MP)
感測器型號:	FPA 636 × 508 15 μm Extended Range InGaAs
感測器架構 (材料):	InGaAs
感測器尺寸:	12.2 mm ø (12.2 mm (diagonal))
像素大小:	15.00 μm × 15.00 μm

像素格式

感測器位深:	8-bit to 14-bit
單色像素格式:	Tap geometry 1X 1Y: Mono8, Mono10, Mono12, Mono14, Mono16, Tap geometry 1X2 1Y: Mono8

時序與增益

最大影格率:	303 fps
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I/O 與電源

非隔離線:	LVTTTL I/Os: 1 input, 1 output
特定非隔離線:	115 200 Baud, 8N1 (adjustable)
光隔離線:	1 input, 2 outputs
電源供應:	10.8 V to 30.0 V
功耗:	21 W at 12 VDC

操作條件

操作溫度 (機殼):	-20 °C to 55 °C (housing)
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機械特性

機殼尺寸 (長 x 寬 x 高 mm):	90 × 80 × 80
重量:	740 g

板載記憶體與 FPGA

影像緩衝區 (RAM):	256 MByte
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介面

數位介面:	Camera Link Base
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