

Allied Vision

Goldeye CL

Goldeye CL-034 XSWIR 2.2 TEC2

Goldeye CL-034 XSWIR 2.2 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.

□반	
모델	Goldeye CL-034 XSWIR 2.2 TEC2
제품 시리즈	Goldeye CL
상태	Available

센서	
센서 유형	Area scan
크로마	Mono
스펙트럼	SWIR, eXtended SWIR
스펙트럼 범위	1200 nm to 2200 nm
해상도	636 × 508 (0.32 MP)
센서 모델	Progressive scan 0.32 MP
센서 아키텍처 (소재)	cmos-ingaas
셔터 유형	Global shutter (GS)
센서 크기	9.54 × 7.62 mm (12.2 mm, Type 1)
픽셀 크기	15.00 µm × 15.00 µm

픽셀 형식	
센서 비트 심도	14-bit
모노크롬 픽셀 형식	Tap geometry 1X 1Y: Mono8, Tap geometry 1X2 1Y: Mono8

타이밍 및 게인	
최대 프레임 속도	303 fps
노출 시간	1 µs to 10.00 ms
게인	0.0 dB to 33.0 dB

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I/O □ □□

□□□ □□	LVTTL I/Os: 1 input, 1 output
□□ □□□ □□	115 200 Baud, 8N1 (adjustable)
□□□ □□	1 input, 2 outputs
□□ □□ □□	10.8 V to 30.0 V
□□ □□	21 W at 12 VDC

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□□ □□	-20 °C to 55 °C (□□□)

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□□ □□ (L x W x H mm)	90 × 80 × 80
□□	740 g

□□□ □□□ □ FPGA

□□□ □□ (RAM)	256 MByte

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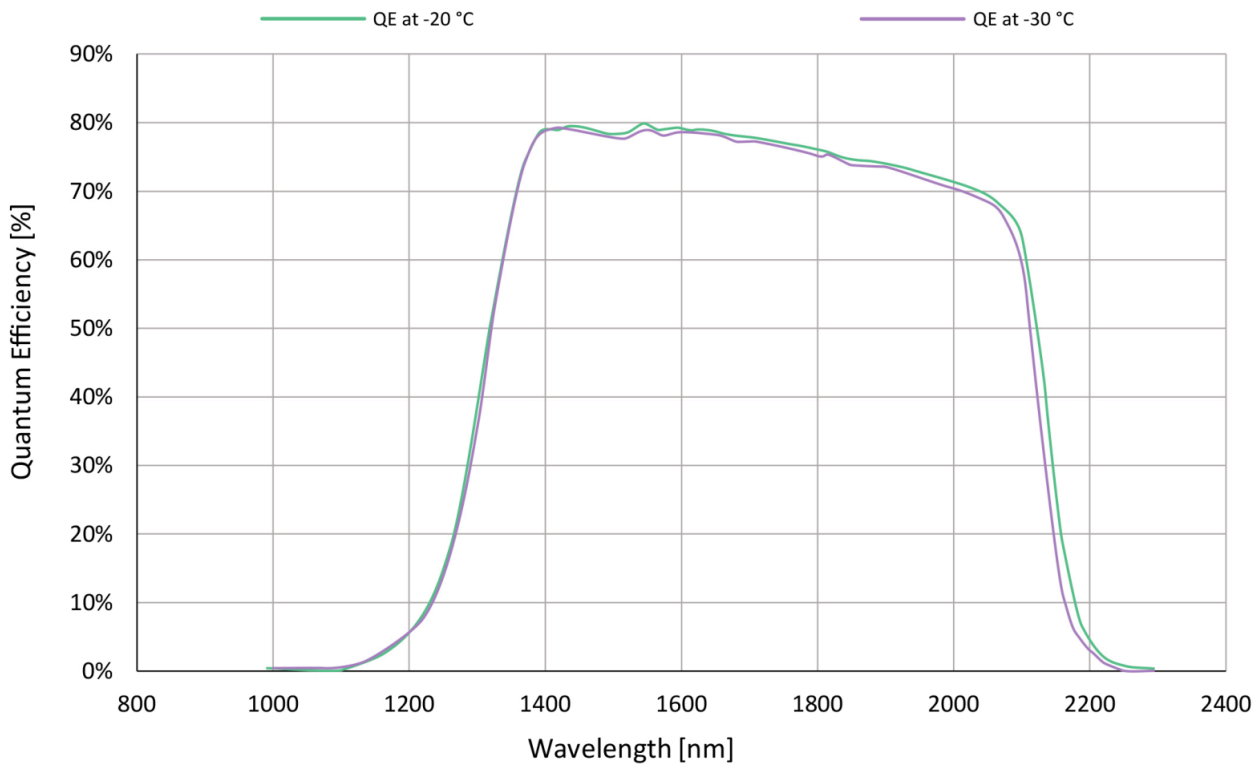
Quantum Efficiency



Technical Drawing

