

Allied Vision

Goldeye CL

Goldeye CL-032 SWIR TEC1

The Goldeye CL-032 TEC1 is a very versatile SWIR camera for the spectral range from 900 nm to 1700 nm. High frame rates of 100 fps at full resolution (636 × 508), a strong sensor cooling, as well as a high intra-scene dynamic range of more than 73 dB enable to apply the camera in various application areas and

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모델	Goldeye CL-032 SWIR TEC1
제품 시리즈	Goldeye CL
상태	Available

센서

센서 유형	Area scan
크로마	Mono
스펙트럼	SWIR
스펙트럼 범위	900 nm to 1700 nm
해상도	636 × 508 (0.36 MP)
센서 모델	Progressive scan 0.36 MP
센서 아키텍처 (소재)	cmos-ingaas
셔터 유형	Global shutter (GS)
센서 크기	15.9 × 12.7 mm (20.4 mm, Type 4/3)
픽셀 크기	25.00 µm × 25.00 µm

픽셀 형식

센서 비트 심도	14-bit

타이밍 및 게인

최대 프레임 속도	100 fps
노출 시간	6 µs to 200.00 ms
게인	0.0 dB to 34.0 dB

I/O 및 전원

비절연 라인	LVTTL I/Os: 1 input, 1 output

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I/O □ □□

□□ □□□ □□	115 200 Baud, 8N1 (adjustable)
□□□ □□	1 input, 2 outputs
□□ □□ □□	10.8 V to 30.0 V
□□ □□	10 W at 12 VDC

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□□ □□	-20 °C to 55 °C (□□□)

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□□ □□ (L x W x H mm)	78 × 55 × 55
□□	340 g

□□□ □□□ □ FPGA

□□□ □□ (RAM)	256 MByte

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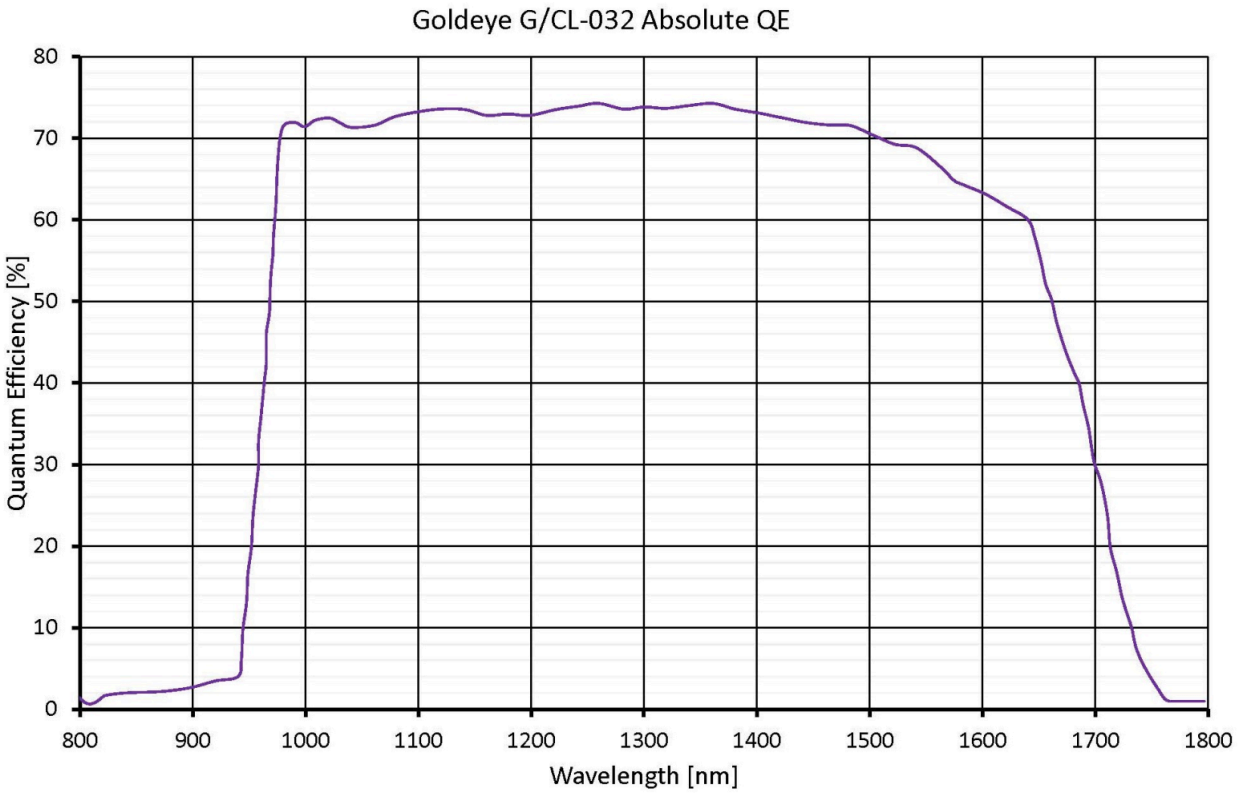
Quantum Efficiency



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Technical Drawing

