Allied Vision



Goldeye CL

Goldeye CL-008 SWIR Cool TEC1

The Goldeye CL-008 Cool TEC1 is one of the fastest QVGA resolution SWIR cameras with Camera Link interface. With frame rates up to 344 fps at full resolution, versatile application fields can be addressed and processes can be sped up strongly. To enable low-noise imaging in the spectral range from 900 nm to

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□□	Goldeye CL-008 SWIR Cool TEC1
□□ □□□	Goldeye CL
□□	Available

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□□ □□	Area scan
□□□	Mono
□□□□	SWIR
□□□□ □□	900 nm to 1700 nm
□□□	320 × 256 (0.08 MP)
□□ □□	Progressive scan 0.08 MP
□□ □□□□ (□□)	cmos-ingaas
□□ □□	Global shutter (GS)
□□ □□	9.6 × 7.68 mm (12.3 mm, Type 1)
□□ □□	30.00 µm × 30.00 µm

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□□ □□ □□	14-bit
□□□□ □□ □□	Tap geometry 1X 1Y: Mono8, Tap geometry 1X2 1Y: Mono8

□□□ □ □□	
□□ □□□ □□	344 fps
□□ □□	6 µs to 1 s
□□	0.0 dB to 24.0 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
□□ □□	10.5 W (at 12 VDC)

□□ □□

□□ □□	-20 °C to 55 °C (□□□)

□□□ □□

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

□□□ □□□ □ FPGA

□□□ □□ (RAM)	256 MByte

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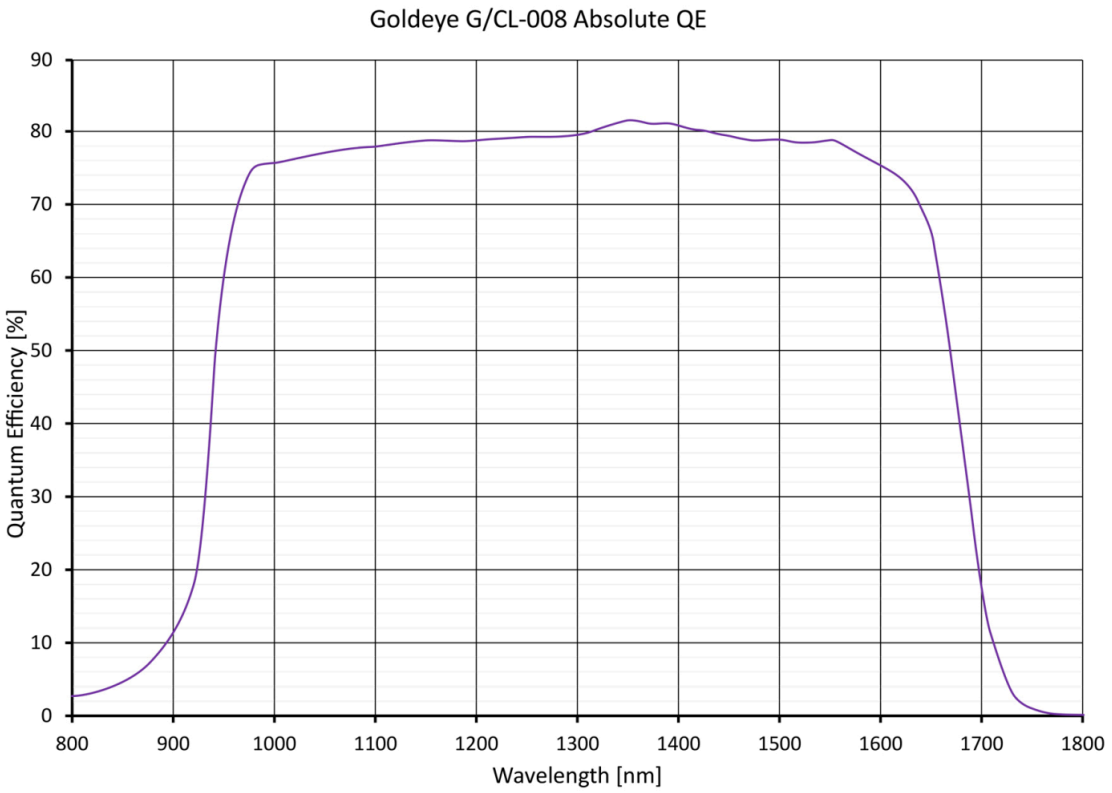
□□□ □□□□□	Camera Link Base

Quantum Efficiency



Technical Drawing

