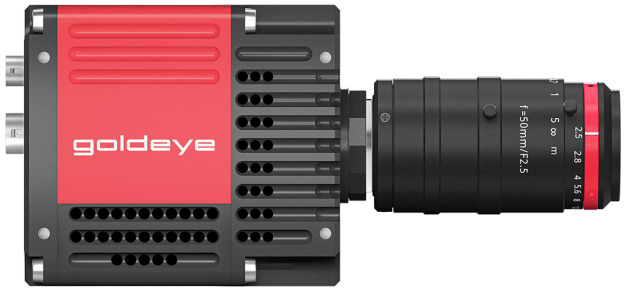
Allied Vision



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.

□□	
□□	Goldeye CL-034 XSWIR 1.9 TEC2
□□ □□□	Goldeye CL
□□	Available

□□	
□□ □□	Area scan
□□□	Mono
□□□□	SWIR, eXtended SWIR
□□□□ □□	1100 nm to 1900 nm
□□□	636 × 508 (0.32 MP)
□□ □□	Progressive scan 0.32 MP
□□ □□□□ (□□)	cmos-ingaas
□□ □□	Global shutter (GS)
□□ □□	9.54 × 7.62 mm (12.2 mm, Type 1)
□□ □□	15.00 µm × 15.00 µm

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

□□□ □ □□	
□□ □□□ □□	303 fps
□□ □□	1 µs to 20.00 ms
□□	0.0 dB to 33.0 dB

Allied Vision

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

□□ □□

□□ □□	-20 °C to 55 °C (□□□)

□□□ □□

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

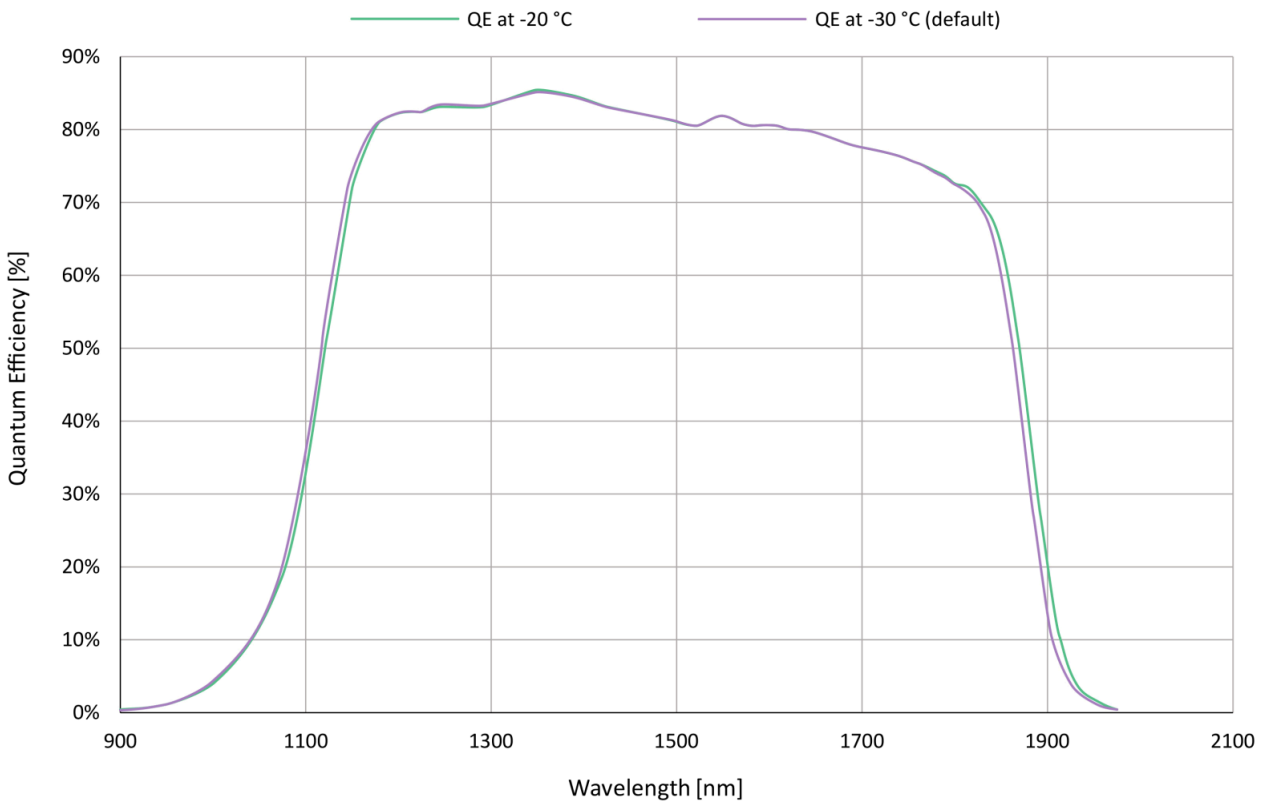
□□□ □□□ □ FPGA

□□□ □□ (RAM)	256 MByte

□□□□□

□□□ □□□□□	Camera Link Base

Quantum Efficiency



Technical Drawing

