Allied Vision



Goldeye Pro

Goldeye Pro G5-320 VSWIR TEC1

Goldeye Pro G5-320 VSWIR TEC1 5GBASE-T camera with global shutter Sony IMX993 SenSWIR InGaAs sensor enables short wave infrared (SWIR) imaging with industrial performance for various machine vision applications.

□□

□□□	Goldeye Pro G5-320 VSWIR TEC1
□□□□□□□	Goldeye Pro
□□□□□	Available

□□□□

□□□□□□□□	Area scan
□□□	Mono
□□□□□	SWIR, Visible SWIR
□□□□□□□□	400 nm to 1700 nm
□□□	2,080 × 1,544 (3.20 MP)
□□□□□□□□	Sony IMX993 | InGaAs | TEC
□□□□□□□□□□□	cmos-ingaas
□□□□□□□□□	Global shutter (GS)
□□□□□□□□	7.2 × 5.3 mm (8.9 mm, Type 1/1.8)
□□□□□□□□	3.45 µm × 3.45 µm

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□□□□□□□□□□	10-bit, 12-bit
□□□□□□□□□□□□□□□□	Mono12 (default)

□□□□□□□□□□

□□□□□□□□□□	159 fps
□□□□	23 µs to 114 s
□□□	0.0 dB to 42.0 dB

I/O□□□

□□□□	4 biderectional I/O lines

I/O□□□

□□□□	1 input, 3 outputs
□□	12 VDC to 24 VDC (±10%) or via PoE
□□□□	Max: 11 W (12 to 24 VDC); 12.9 W (PoE)

□□□□

□□□□	0 °C to 55 °C (□□)

□□□□□

□□□□□L x W x H mm□	78 × 55 × 55
□□	350 g

□□□□□□□□□FPGA

□□□□□□□RAM□	256 MByte
□□□□□□□□□□□□□□□	4 KByte

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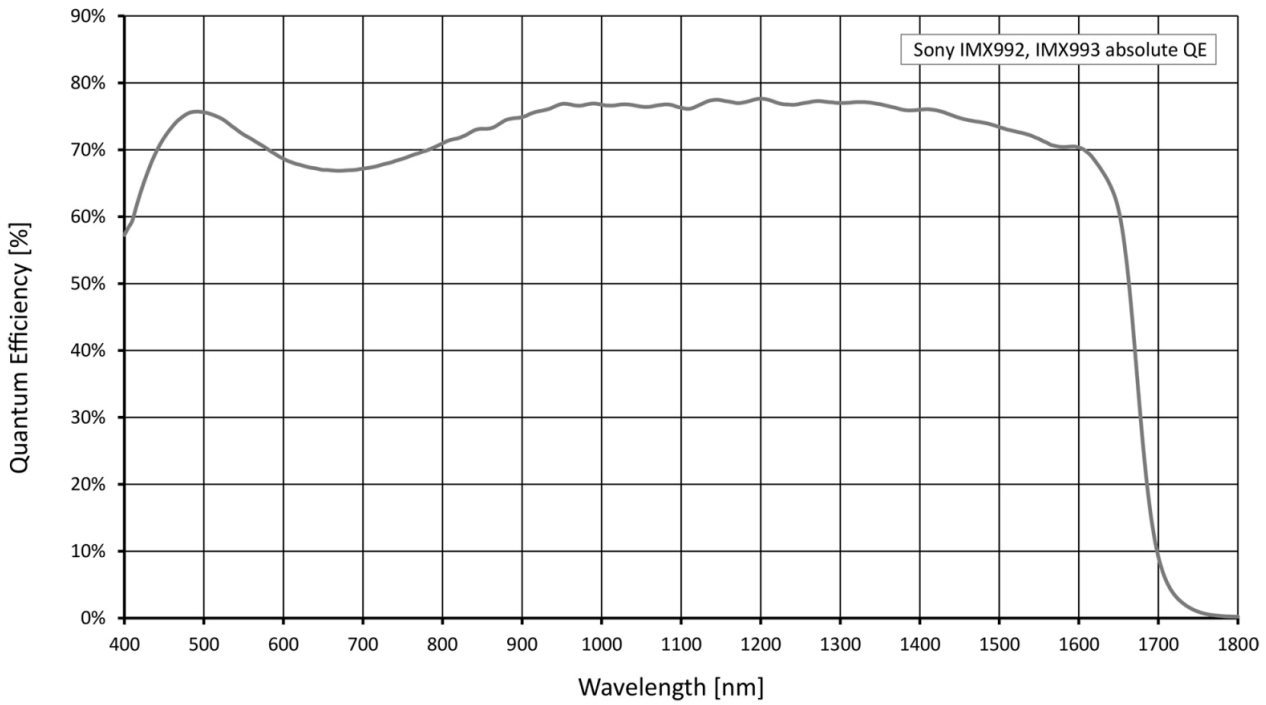
□□□□□□□□□□□□□	IEEE 802.3: 5GBASE-T or 2.5GBASE-T (NBASE-T) and 1000BASE-T, IEEE 802.3af Power Class 0 PoE
□□□□□□□□□□□□□	RJ45

Quantum Efficiency



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Technical Drawing

