Alvium G5

Alvium G5-320 VSWIR



Alvium G5-320 VSWIR innovative 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.

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□□□	Alvium G5-320 VSWIR
□□□□□□□	Alvium G5
□□□□□	Available

□□□□	
□□□□□□□□	Area scan
□□□	Mono
□□□□□	SWIR, Visible SWIR
□□□□□□□□	400 nm to 1700 nm
□□□	2,080 × 1,544 (3.20 MP)
□□□□□□□□	Sony IMX993 | InGaAs
□□□□□□□□□□□	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, 8-bit
□□□□□□□□□□□□□□□□	Mono8 (default)

□□□□□□□□□	
□□□□□□□□□□	131 fps
□□□□	33 µs to 10 s
□□□	0.0 dB to 42.0 dB

I/O□□□

□□□□	2 GPIOs (LVTTL)
□□□□	1 input, 1 output
□□	10.8 to 26.4 VDC AUX | IEEE 802.3af, Power Class 0 PoE
□□□□	External power: 6.0 W at 12 VDC (typical) | Power over Ethernet: 6.4 W (typical)

□□□□

□□□□	-20 °C to 50 °C (□□)

□□□□□

□□□□□L x W x H mm□	60 × 29 × 29
□□□□□□□□	C-Mount, CS-Mount
□□	100 g

□□□□□□□□□FPGA

□□□□□□□RAM□	512 MByte
□□□□□□□□□□□□□□□	1024 KByte

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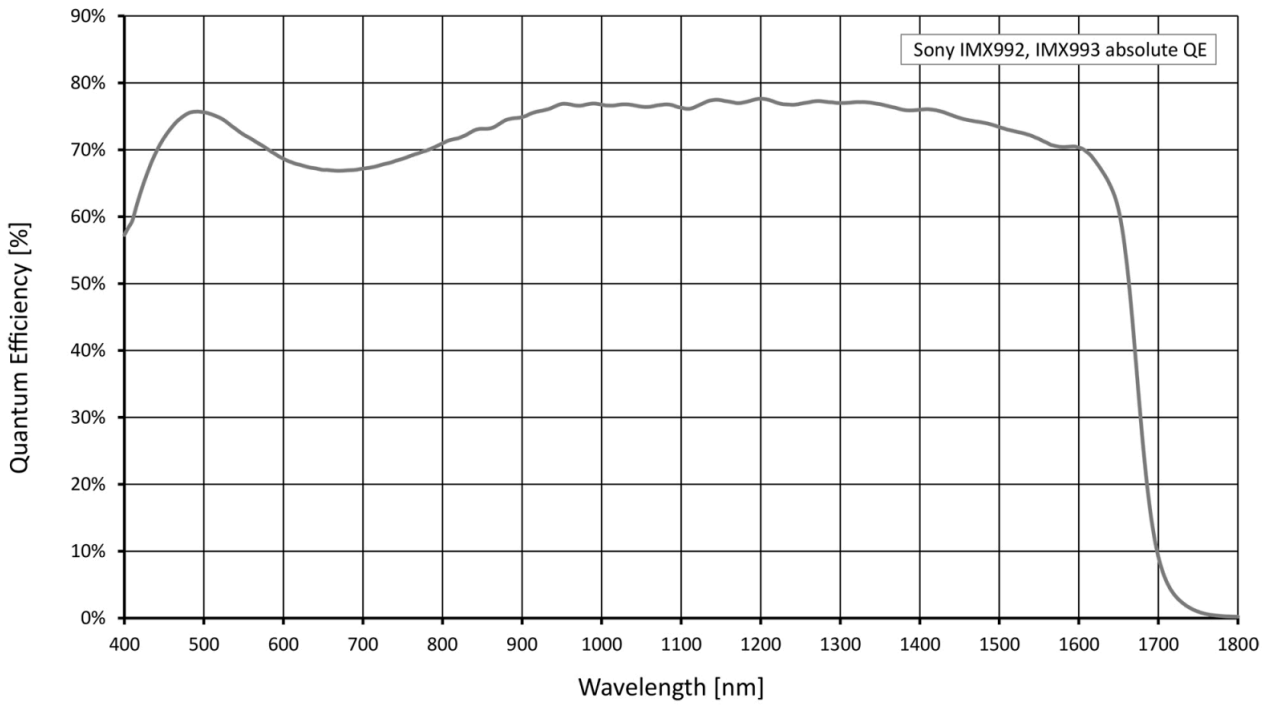
□□□□□□□□□□□□□	IEEE 802.3: 5GBASE-T or 2.5GBASE-T (NBASE-T) and 1000BASE-T, IEEE 802.3af Power Class 0 PoE

Quantum Efficiency



Technical Drawing

