Alvium G5

Alvium G5-508 Pol



Alvium G5-508 Pol innovative 5GBASE-T camera with Sony IMX250MZR CMOS global shutter sensor provides industrial performance for cost effective machine vision applications.

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□□	Alvium G5-508 Pol
□□□□	Alvium G5
□□	Available

□□□	
□□□□□	Area scan
□□	Mono, Polarizer
□□	Visible
□□□□	300 nm to 1100 nm
□□□	2,464 × 2,056 (5.10 MP)
□□□□□	Sony IMX250 Polarizer
□□□□□□□□□	cmos
□□□□	Global shutter (GS)
□□□□□	8.5 × 7.1 mm (11.1 mm, Type 2/3)
□□□□	3.45 µm × 3.45 µm

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□□□□□□	10-bit, 12-bit, 8-bit
□□□□□□	BayerRG12

□□□□□	
□□□□	95 fps
□□□□	19 µs to 10 s
□□	0.0 dB to 48.0 dB

I/O□□□

□□□□□IO	2 GPIOs (LVTTL)
□□□□□□□	1 input, 1 output
□□□□□	10.8 to 26.4 VDC AUX | IEEE 802.3af, Power Class 0 PoE
□□	External power: 6.1 W at 12 VDC (typical) | Power over Ethernet: 7.0 W (typical)

□□□□

□□□□□	-20 °C to 60 °C (□□)

□□□□

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

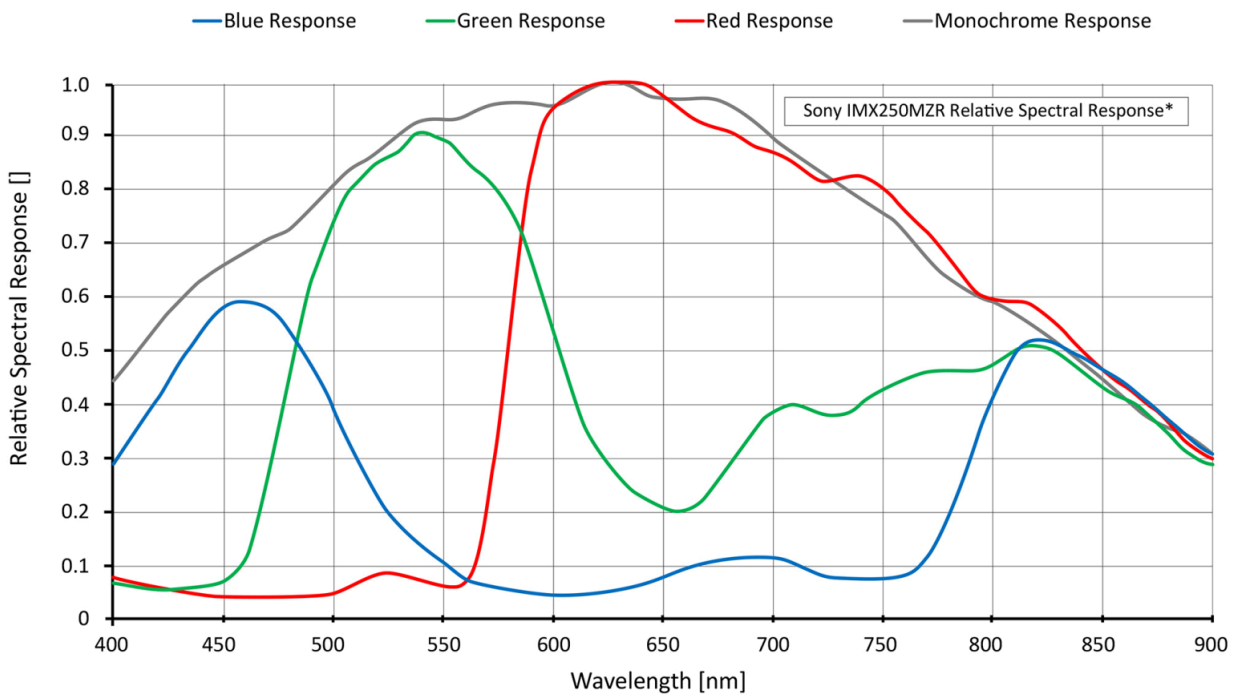
□□□□□FPGA

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

□□

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

Quantum Efficiency



*Note: The spectral response depends on the illumination's degree of polarization.

Technical Drawing

