Alvium 1800 U

Alvium 1800 U-030 VSWIR



Alvium 1800 U-030 VSWIR innovative USB camera with Sony IMX991 SenSWIR InGaAs global shutter sensor provides industrial performance for cost effective embedded and machine vision applications.

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□□□	Alvium 1800 U-030 VSWIR
□□□□□□□	Alvium 1800 U
□□□□□	Available

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□□□□□□□□	Area scan
□□□	Mono
□□□□□	SWIR, eXtended SWIR
□□□□□□□□	400 nm to 1700 nm
□□□	656 × 520 (0.30 MP)
□□□□□□□□	Sony IMX991 | InGaAs
□□□□□□□□□□□	cmos-ingaas
□□□□□□□□□	Global shutter (GS)
□□□□□□□□	3.3 × 2.6 mm (4.1 mm, Type 1/4)
□□□□□□□□	5.00 µm × 5.00 µm

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□□□□□□□□□□	10-bit, 12-bit, 8-bit
□□□□□□□□□□□□□□□□	Mono8 (default)

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□□□□□□□□□□	249 fps
□□□□□	15 µs to 10 s
□□□	0.0 dB to 42.0 dB

I/O□□□

□□□□	4 programmable GPIOs
□□	Power over USB 3.1 Gen 1 | External power 5.0 V
□□□□	USB power: 2.0 W (typical) | Ext. power: 2.2 W (typical)

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□□□□□□□□□	-20 °C to 55 °C ((housing))

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□□□□□L x W x H mm□	38 × 29 × 29
□□□□□□□□	C-Mount, CS-Mount, S-Mount
□□	65 g

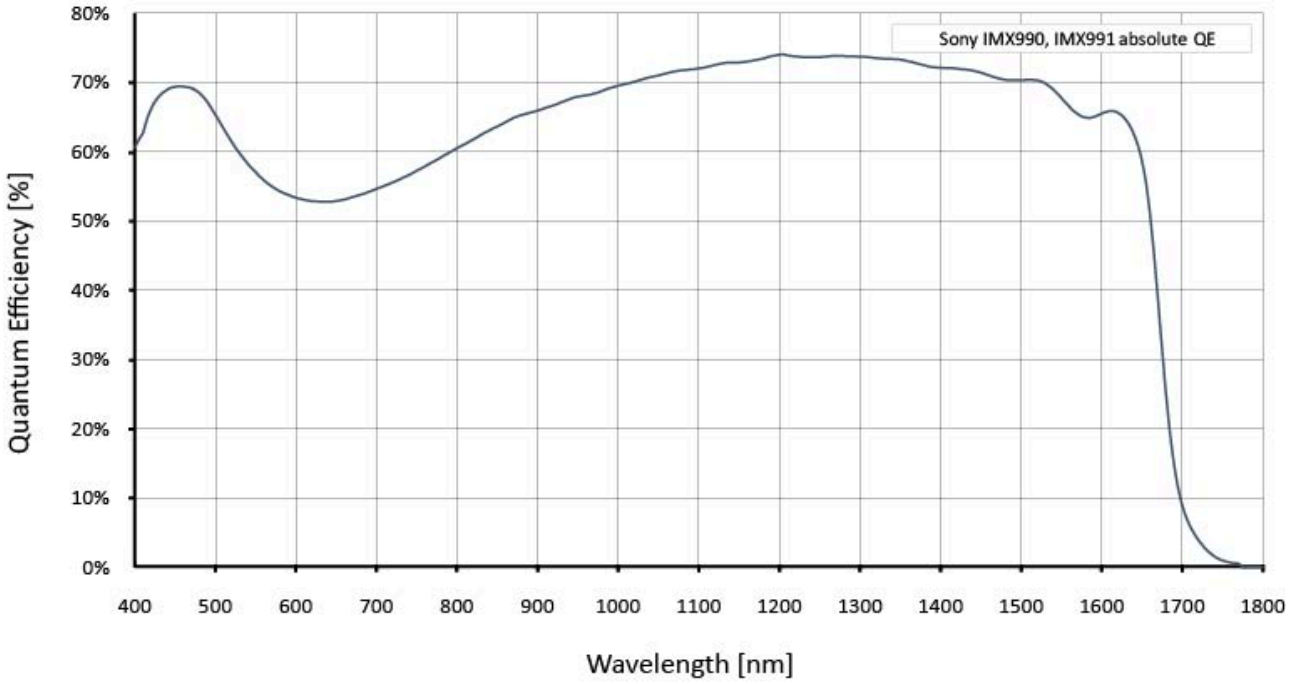
□□□□□□□□□□FPGA

□□□□□□□□RAM□	256 KByte
□□□□□□□□□□□□□□□□	1024 KByte

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□□□□□□□□□□□□□□	usb3.0
□□□□□□□	USB3 Vision

Quantum Efficiency



Technical Drawing

