Alvium 1800 U

Alvium 1800 U-812 UV



Alvium 1800 U-812 UV innovative USB camera with Sony IMX487 global shutter sensor provides industrial performance for cost effective embedded and machine vision applications.

□□	
□□□	Alvium 1800 U-812 UV
□□□□□□□	Alvium 1800 U
□□□□□	Available

□□□□	
□□□□□□□□	Area scan
□□□	Mono
□□□□□	UV
□□□□□□□□	200 nm to 1100 nm
□□□	2,848 × 2,848 (8.10 MP)
□□□□□□□□	Sony IMX487
□□□□□□□□□□□	cmos
□□□□□□□□□	Global shutter (GS)
□□□□□□□□	7.8 × 7.8 mm (11 mm, Type 2/3)
□□□□□□□□	2.74 µm × 2.74 µm

□□□□□□□□□□	
□□□□□□□□□□	12-bit
□□□□□□□□□□□□□□□□	Mono8 (default)

□□□□□□□□□	
□□□□□□□□□□	51 fps

I/O□□□

□□□□	4 programmable GPIOs
□□	Power over USB 3.1 Gen 1 | External power 5.0 V
□□□□	USB power: 3.9 W (typical) | Ext. power: 4.1 W (typical)

□□□□

□□□□	-20 °C to 65 °C (□□)

□□□□□

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

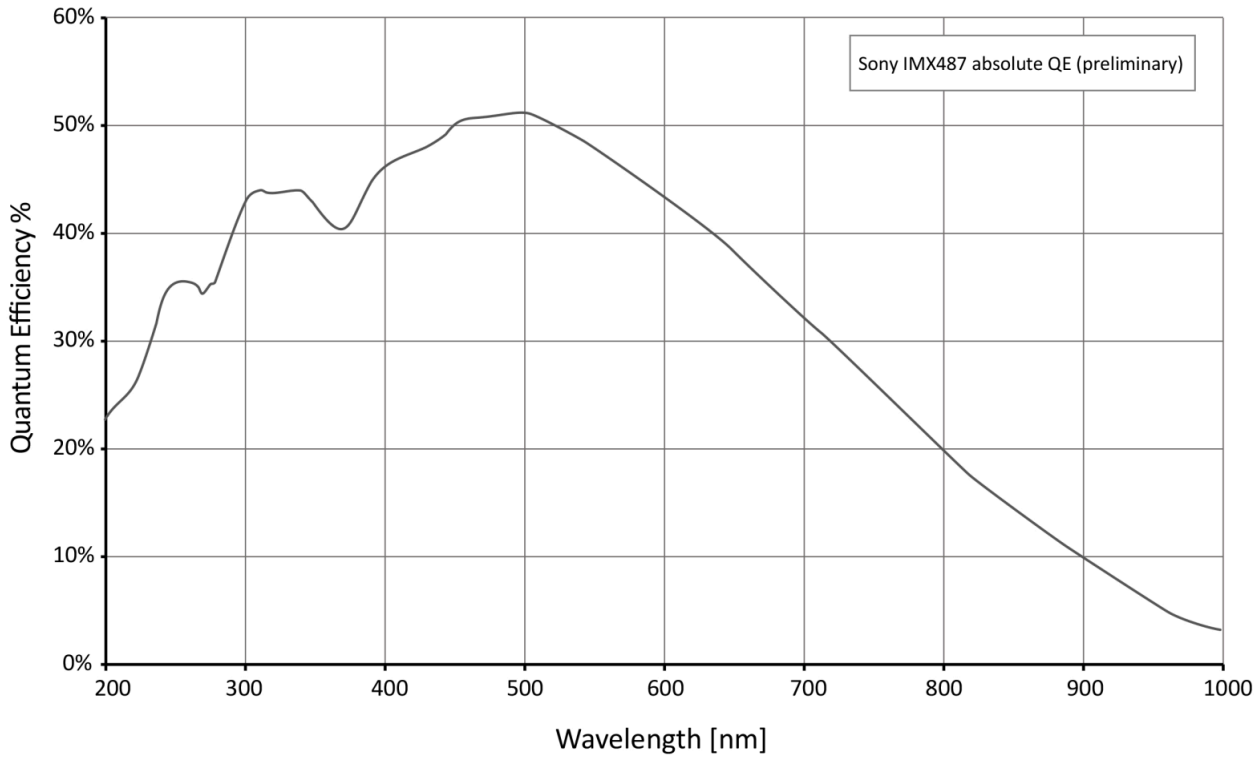
□□□□□□□□□□FPGA

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

□□□□□□□□□

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

Quantum Efficiency



Technical Drawing

