FXO SWIR

fxo993MXGE

□□

□□	fxo993MXGE
□□□□	F002318
□□□□	FXO SWIR
□□	Available

□□□

□□□□□	Area scan
□□	Mono
□□	SWIR, Visible SWIR
□□□□	400 nm to 1700 nm
□□□	2,048 × 1,536 (3.10 MP)
□□□□□	Sony IMX993 | InGaAs
□□□□□□□□□	cmos
□□□□	Global shutter (GS)
□□□□□	7.07 × 5.3 mm (8.83 mm, Type 1/1.8)
□□□□	3.45 µm × 3.45 µm

□□□□

□□□□□□	12-bit, 8-bit
□□□□□□	mono12, mono8

□□□□□

□□□□	173.4 fps
□□	0.0 dB to 42.0 dB

I/O□□□

□□□□□IO	0 x LVDS input, 0 x LVDS output, 0 x TTL input, 0 x TTL output, 2 x 24V input, 4 x Open drain output,
□□□□□□□IO	1 x RS232 input, 1 x RS232 output, 0 x RS422 input, 0 x RS422 output,
□□□□□□	1 x Optical isolated input, 0 x Optical isolated input,

I/O□□□

I/O□□	12-pin Hirose HR10A-10P-12S
□□□□	10 to 25VDC
□□	External: 9 W (typical)

□□□□

□□□□	-10 °C to 60 °C (□□)
Humidity	10 % to 90 % (non-condensing)

□□□□

□□□□□L x W x H mm□	76 × 50 × 50
IP□□□□	IP30
□□□□	C-Mount
□□	240 g

□□□□□FPGA

□□□□□RAM□	896 MByte
□□□□□□□□□□□□	32000 MByte

□□

□□□□	10gige
□□□□□	(RJ-45)
□□□□	GigE Vision 2.0

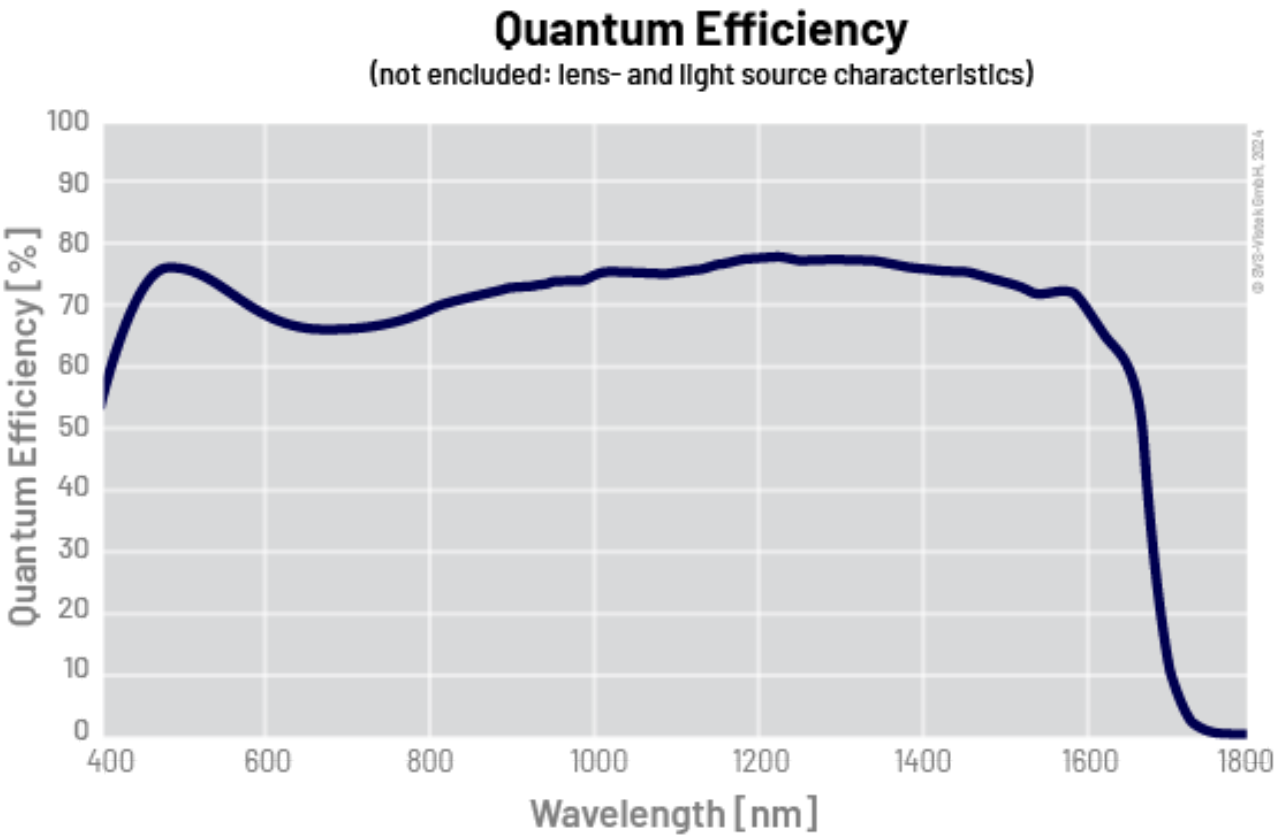
□□□□ - □□□□

□□□□	auto, manual
□□□□	auto, manual
□□□□□□	dopo, dpc, ffc, lut, mirror-image, nuc, roi

□□□□ - □□□□

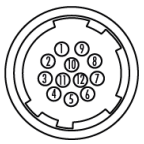
□□□□/□□	external, internal, software

Quantum Efficiency



I/O pin assignment

Hirose 12 Pin



1	VIN –	(GND)	7	OUT 1	(open drain)
2	VIN +	(10 V to 25 V DC)	8	OUT 2	(open drain)
3	IN 4	(RXD RS232)	9	IN 3 +	(opto In +)
4	OUT 4	(TXD RS232)	10	IN 3 –	(opto In –)
5	IN 1	(0 - 24V)	11	OUT 3	(open drain)
6	IN 2	(0 - 24V)	12	OUT 0	(open drain)