

FXO SWIR

fxo992MCX

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□□:	fxo992MCX
□□□□:	F002337
□□□□:	FXO SWIR
□□:	Available

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□□□□□:	Area scan
□□:	Mono
□□:	eXtended SWIR
□□□□:	400 nm to 1700 nm
□□□:	2,560 × 2,048 (5.20 MP)
□□□□□:	Sony IMX992-AABJ
□□□□□□□□□□:	cmos
□□□□:	global-shutter
□□□□□:	8.83 × 7.07 mm (11.31 mm, 11.4mm (Type 1/1.4))
□□□□:	3.45 μm × 3.45 μm

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□□□□□□:	8-Bit, 10-Bit, 12-Bit
□□□□□□:	mono8, mono10, mono12

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□□□□:	132.6 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

Input:	10 to 25VDC
Power:	External: 7 W (typical)

Environment

Operating Temperature:	-10 °C to 60 °C
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Dimensions

Dimensions (L x W x H mm):	70 × 50 × 50
IP Rating:	IP30
Mounting:	C-Mount
Weight:	240 g

Memory/FPGA

Memory:	32000 MByte
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Ports

Port:	cxp-12 with 1 connection
Connector:	(micro-BNC)

Control - Modes

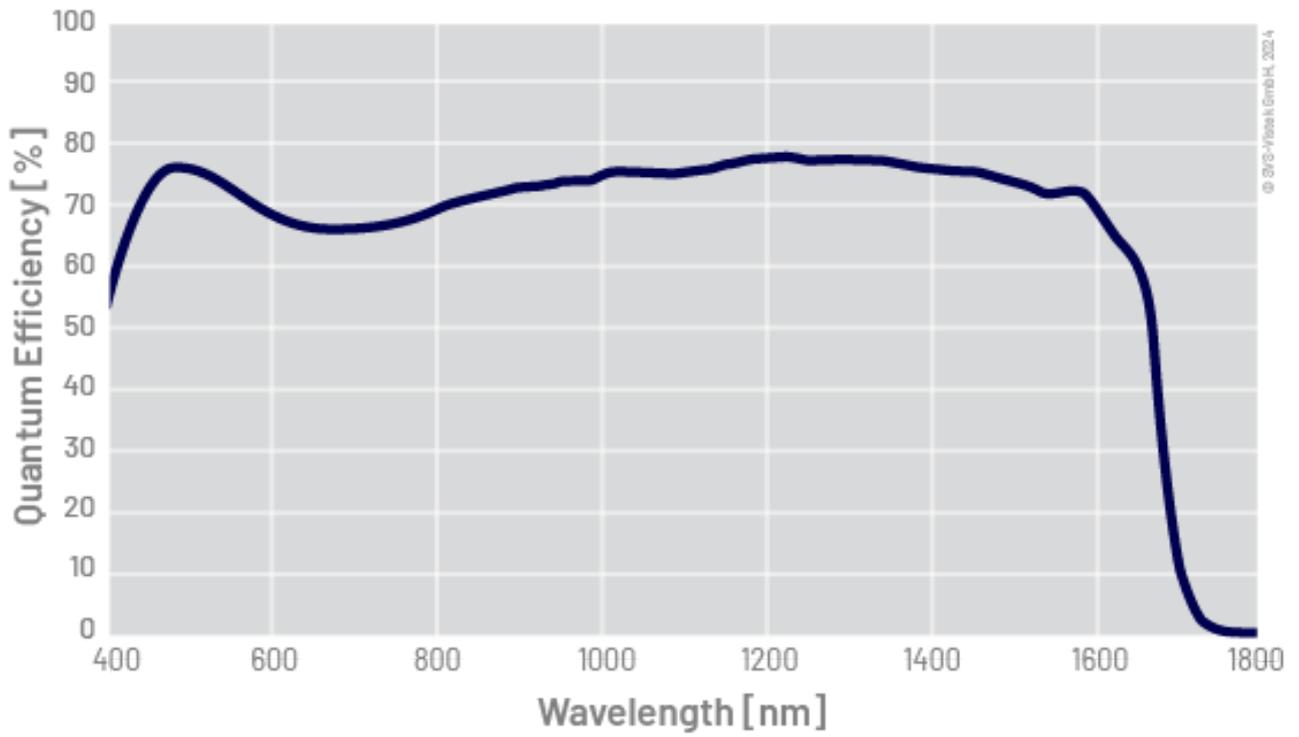
Control Mode:	Manual, Auto
Control Mode:	Auto, Manual
Control Features:	FW Features - Image Control

Control - Settings

Control/Mode:	INTERNAL, SOFTWARE, EXTERNAL
Control Settings:	User Sets, PWM(4), Sequencer,

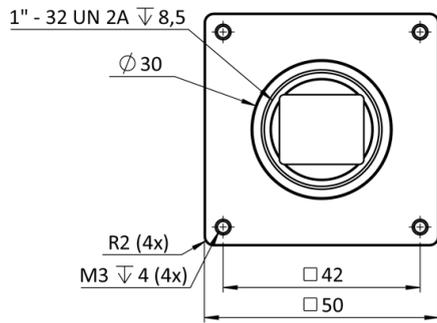
Quantum Efficiency

(not included: lens- and light source characteristics)

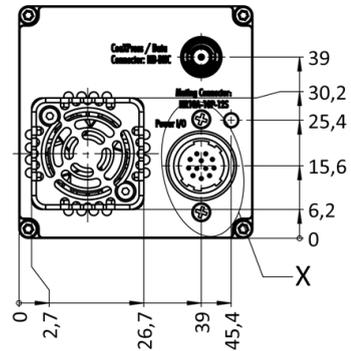


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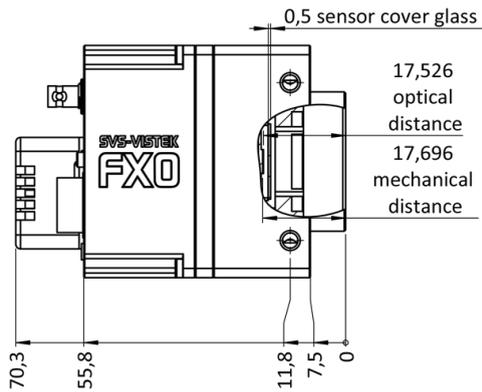
front



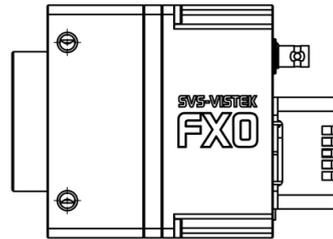
back



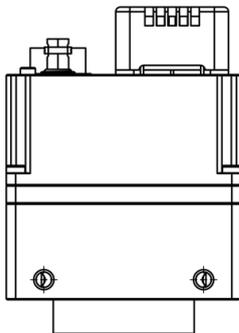
cross section



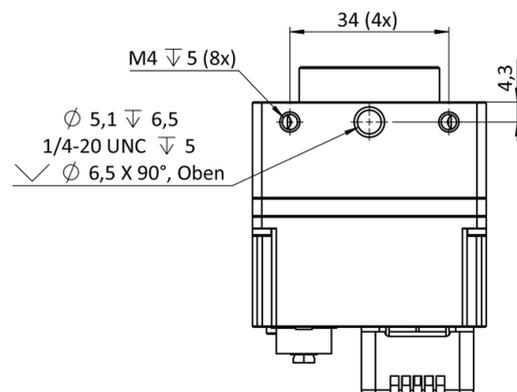
right side

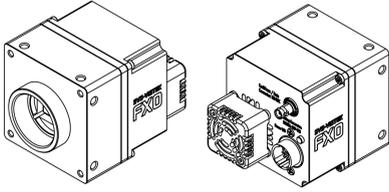


top



bottom





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)