EXO GigE

exo545CGE



□□	
□□	exo545CGE
□□□□	F002171
□□□□	EXO GigE
□□	Available

□□□	
□□□□□	Area scan
□□	Color
□□	Visible
□□□□	400 nm to 1000 nm
□□□	4,096 × 3,000 (12.30 MP)
□□□□□	Sony IMX545
□□□□□□□□□	cmos
□□□□	Global shutter (GS)
□□□□□	11.22 × 8.22 mm (13.91 mm, Type 1/1.1)
□□□□	2.74 µm × 2.74 µm

□□□□	
□□□□□□	8-bit, 12-bit
RGB□□□□	bayer8, bayer12packed

□□□□	
□□□□	72 dB
□□□	39 dB

□□□□□

□□□□	10 fps
□□□□□□□□□	23 fps
□□□□	28 µs to 60 s
□□	0.0 dB to 48.0 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□□	12-pin Hirose HR10A-10P-12S
□□□□	10 to 25VDC, Power over Ethernet
□□	External: 4.5 W (typical)

□□□□

□□□□□□□□	-10 °C to 60 °C

□□□□

□□□□□L x W x H mm□	43 × 50 × 50
□□□/□□□□	IR-Cut - 680nm
IP□□□□	IP40
□□□□	C-Mount
□□	143 g

□□□□□FPGA

□□□□□RAM□	192 MByte
□□□□□□□□□□□□	32 MByte

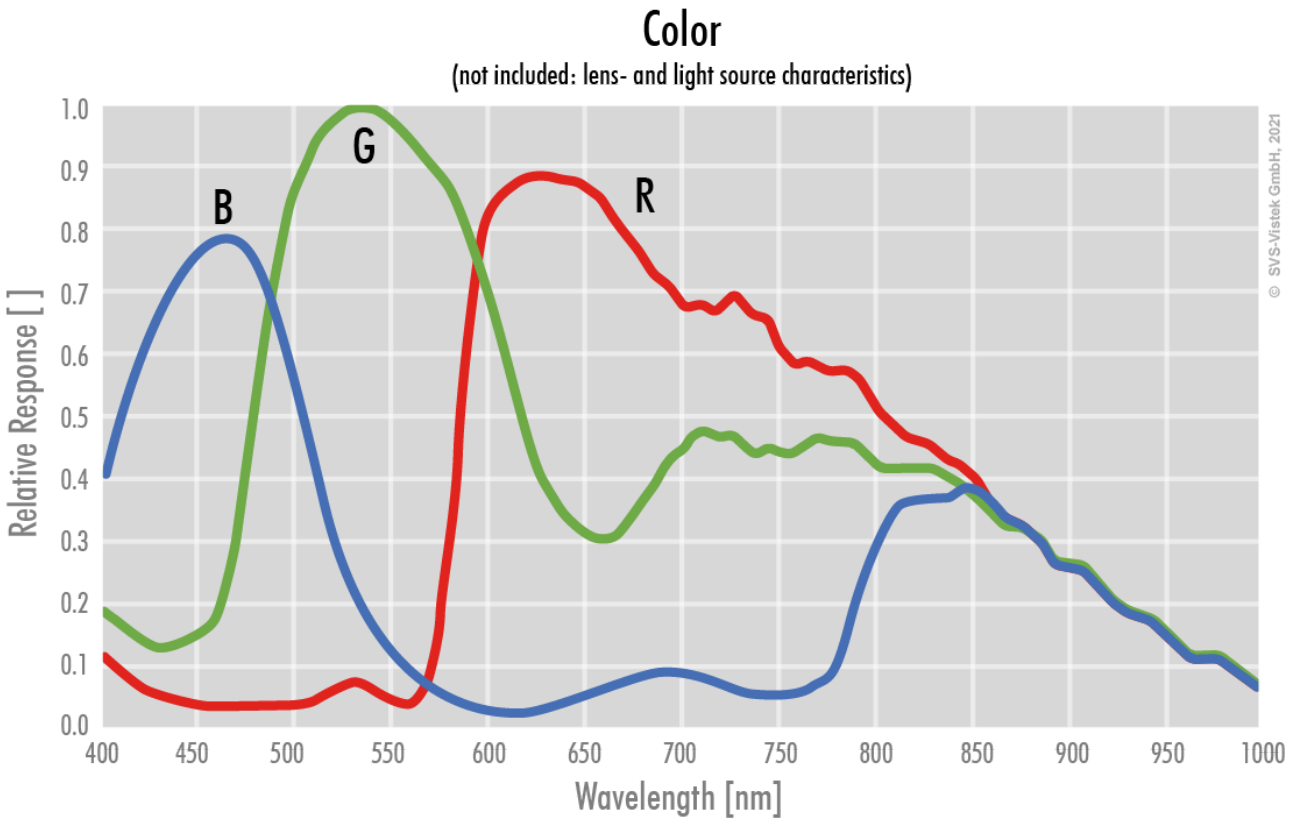
□□

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

□□□□ - □□□□	
□□□□	manual, auto, external
□□□□	auto, manual
□□□□□	auto, manual
□□□□□□	roi, lut, color-transformation, mirror-image, dpc, shading-correction, ffc

□□□□ - □□□□	
□□□□/□□	internal, software, external
□□□□□□	PTP, BurstMode, User Sets, POE, PWM(4), Sequencer,

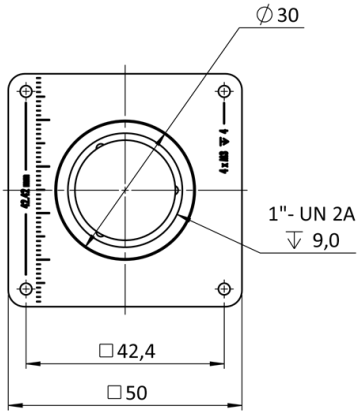
Quantum Efficiency



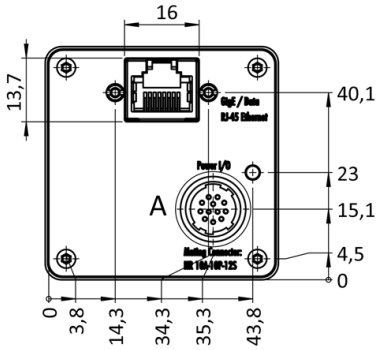
Allied Vision

Technical Drawing

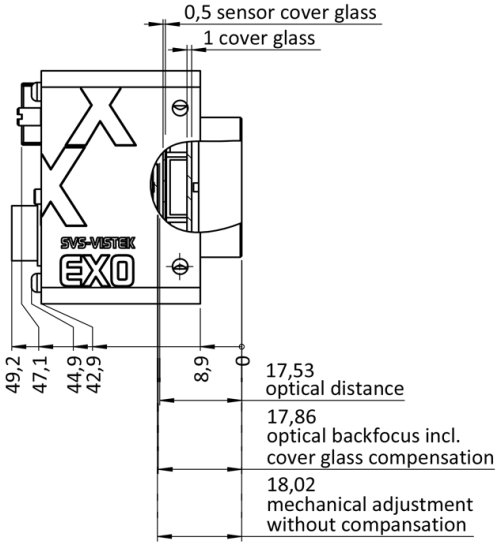
front



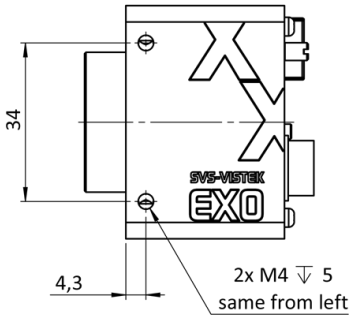
back



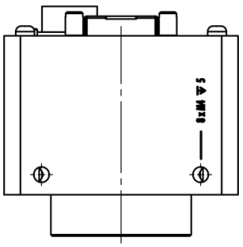
cross section



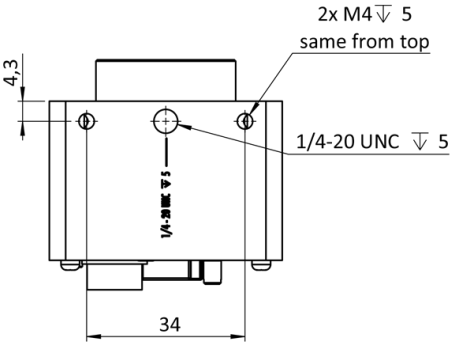
right side



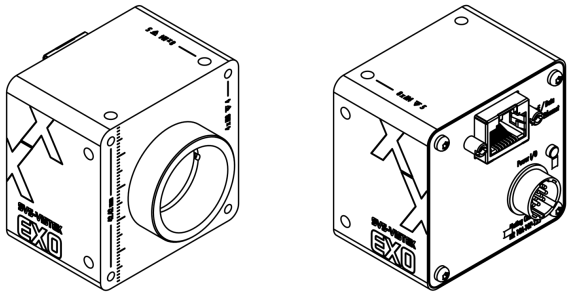
top



bottom

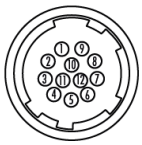


3D



I/O pin assignment

Hirose 12 Pin



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