

EoSens CoaXPress-6

EoSens4.0MCX6-CM

一般

型號	EoSens4.0MCX6-CM
產品編號	F006019
產品系列	EoSens CoaXPress-6
狀態	Discontinued

感測器

感測器類型	Area scan
色度	Mono
光譜	Visible
光譜範圍	400 nm to 1000 nm
解析度	2,336 × 1,728 (4.00 MP)
感測器型號	Alexima AM41
感測器架構 (材料)	cmos
快門類型	Global shutter (GS)
感測器尺寸	16.35 × 12.1 mm (20.34 mm, Type 4/3)
像素大小	7.00 µm × 7.00 µm

像素格式

感測器位深	8-bit, 10-bit
單色像素格式	mono8, mono10

時序與增益

最大影格率	563 fps
最大影格率 ROI 模式	2336 x 1920 563 fps, 1920 x 1080 900 fps, 1024 x 768 1264 fps, 640 x 480 2020 fps, 128 x 128 7492 fps, x 225000 fps,
曝光時間	1 µs to 1 s

時序與增益

增益	0.0 dB to 20.0 dB
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I/O 與電源

非隔離線	0 x LVDS input, 0 x LVDS output, 0 x TTL input, 0 x TTL output, 2 x 24V input, 0 x Open drain output,
特定非隔離線	0 x RS232 input, 0 x RS232 output, 0 x RS422 input, 0 x RS422 output,
光隔離線	0 x Optical isolated input, 0 x Optical isolated input,
I/O 連接器	12-pin Hirose HR10A-10P-12S
電源供應	12 to 24VDC, Power over CoaXPress
功耗	External: 10 W (typical)

機械特性

機殼尺寸 (長 x 寬 x 高 mm)	60 × 80 × 80
防護等級	IP30
鏡頭接口	C-Mount
重量	500 g

介面

數位介面	cxp-6 with 4 connections
介面連接器	(Din1.0/2.3)
視覺標準	CoaXPress 1.0

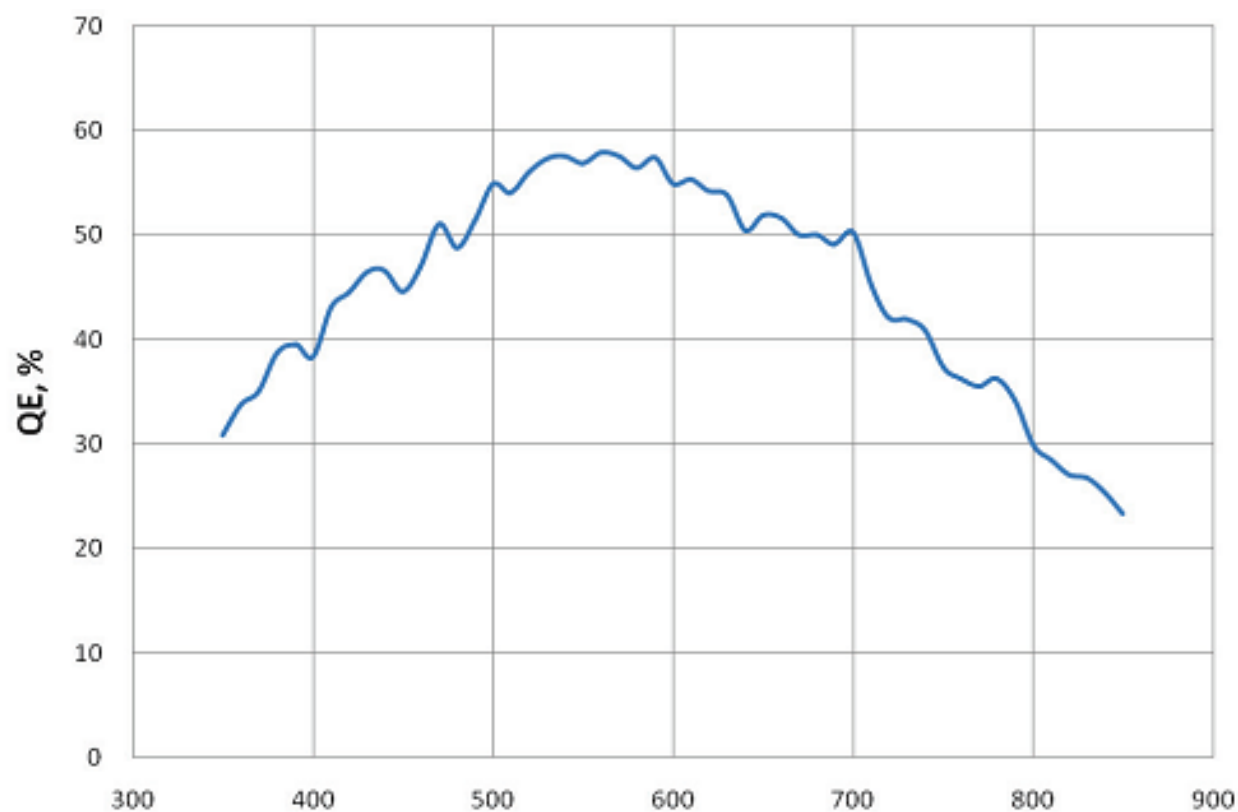
FW 功能 – 影像控制

曝光模式	external
增益模式	analog
白平衡模式	true
影像控制功能	roi, mirror-image

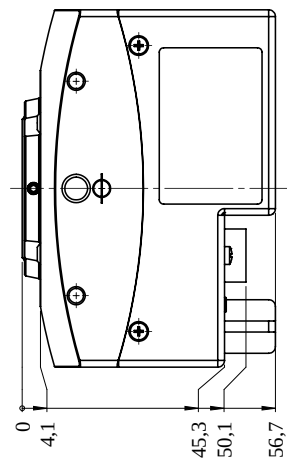
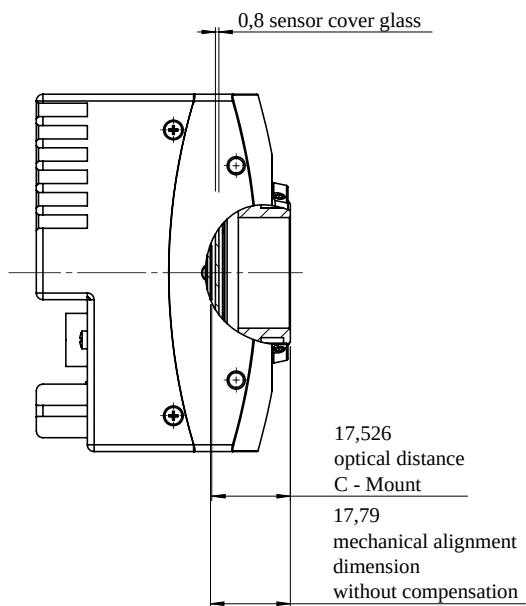
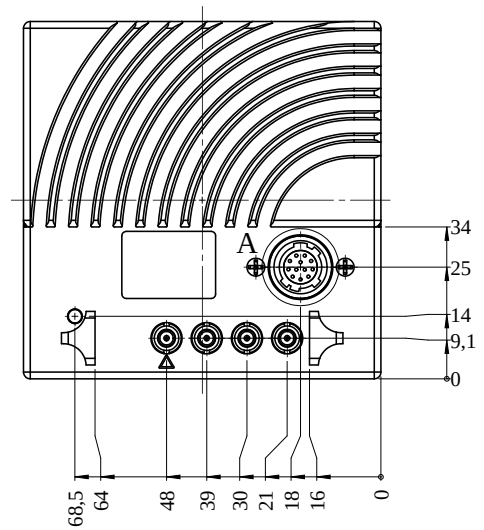
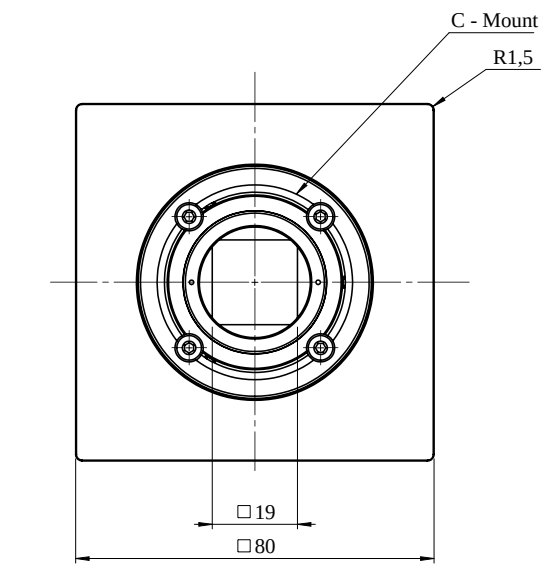
FW 功能 – 相機控制

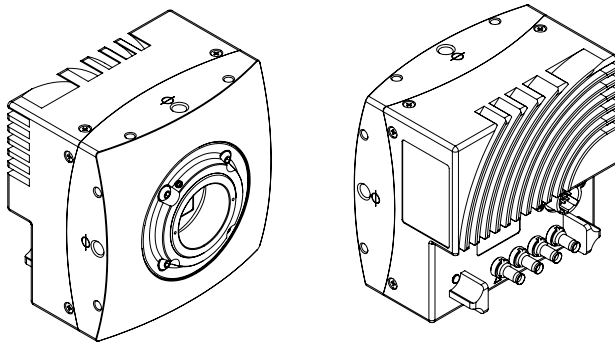
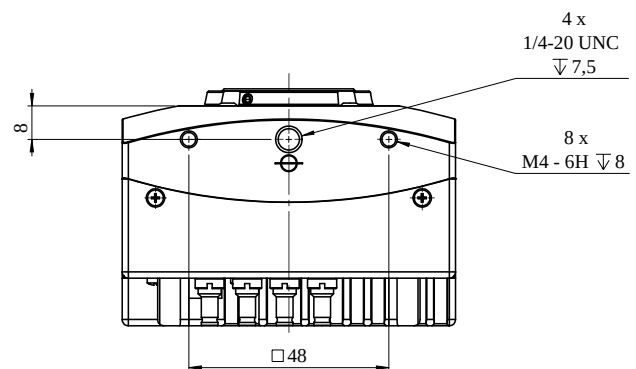
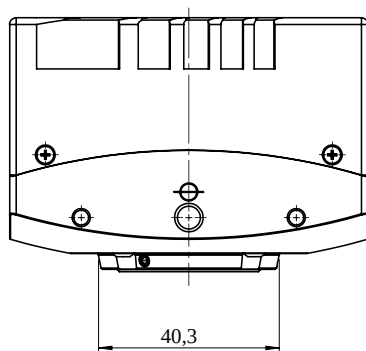
觸發模式/同步	external, trigger-over-cxp
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量子效率

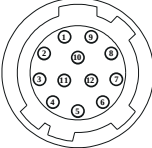


技術圖紙





I/O 引腳分配

	Pin	Signal	Pin	Signal
	1 + 12	GND	6	IN0
	2 + 11	VCC (12 - 24 V)	7	IO _{GND}
	3	IO _{GND}	8	OUT1
	4	OUT0	9	IO _{GND}
	5	IO _{GND}	10	IN1