

EoSens CoaXPress-12

EoSens10CCX12-FM

一般

型號	EoSens10CCX12-FM
產品編號	F006026
產品系列	EoSens CoaXPress-12
狀態	Available

感測器

感測器類型	Area scan
色度	Color
光譜	Visible
光譜範圍	350 nm to 1000 nm
解析度	4,608 × 2,176 (10.00 MP)
感測器型號	Gpixel GSPRINT4510
感測器架構 (材料)	cmos
快門類型	Global shutter (GS)
感測器尺寸	20.74 × 9.79 mm (22.93 mm, Type 4/3)
像素大小	4.50 μm × 4.50 μm

像素格式

感測器位深	8-bit, 12-bit
RGB 像素格式	bayer8, bayer12

影像性能

動態範圍	68.8 dB
------	---------

時序與增益

最大影格率	482 fps
最大影格率 ROI 模式	4608 x 2176 478 fps,
曝光時間	1 μ s to 1 s
增益	0.0 dB to 12.0 dB

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: 20 W (typical)

機械特性

機殼尺寸 (長 x 寬 x 高 mm)	93 x 80 x 80
濾光片/保護玻璃	UV/IR Filter
防護等級	IP30
鏡頭接口	F-Mount
重量	630 g

介面

數位介面	cxp-12 with 4 connections
介面連接器	(micro-BNC)

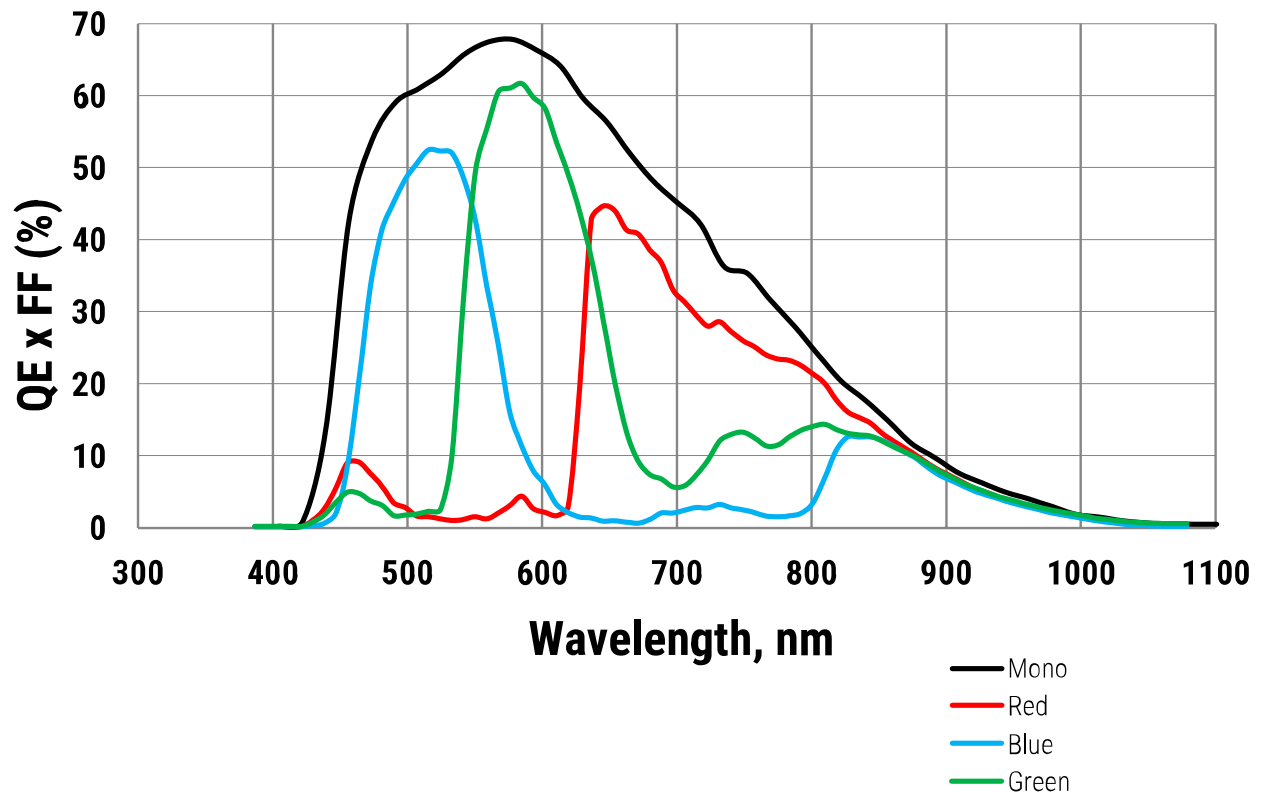
FW 功能 – 影像控制

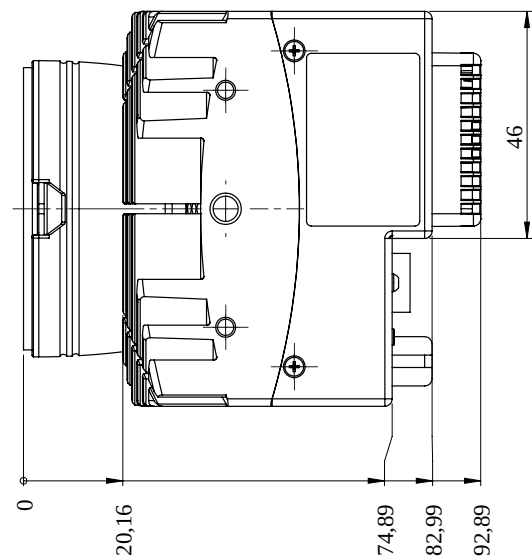
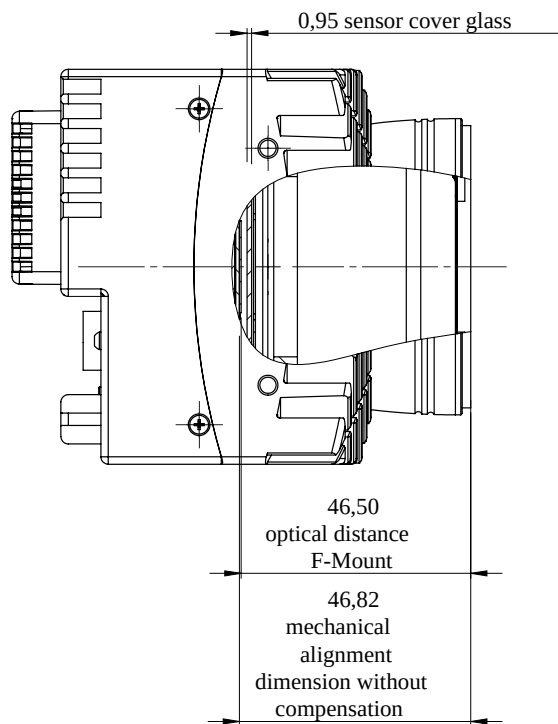
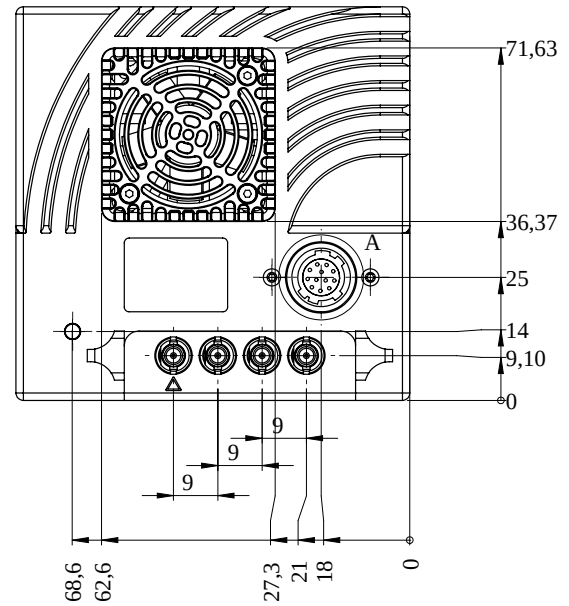
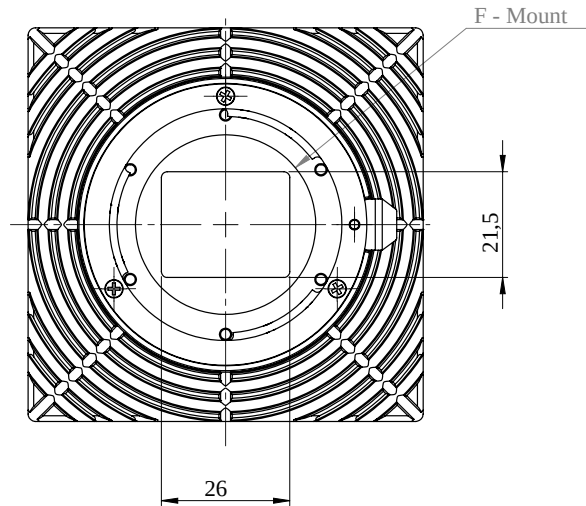
曝光模式	external
增益模式	digital, analog
白平衡模式	true
影像控制功能	roi, mirror-image

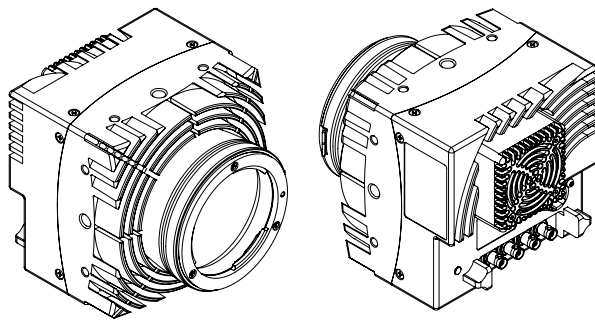
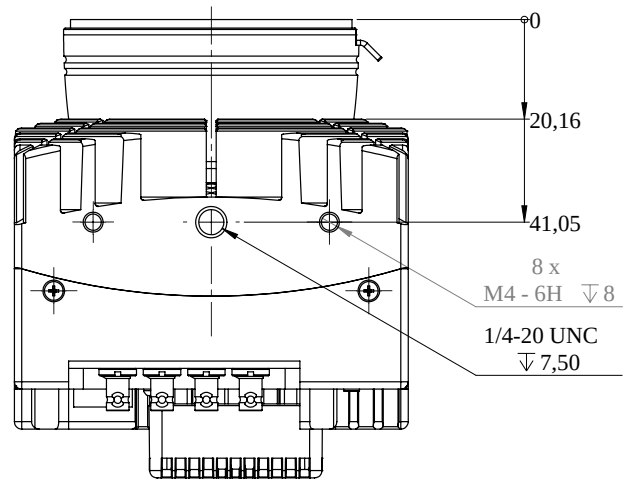
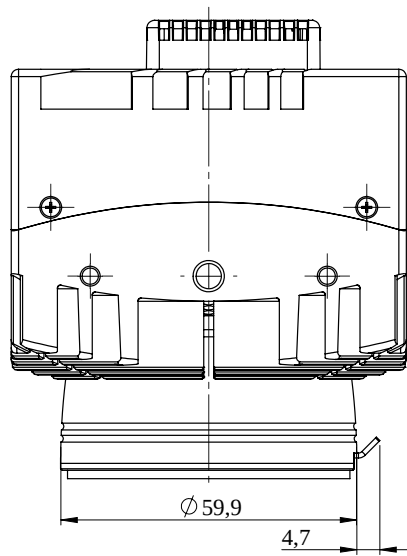
FW 功能 – 相機控制

觸發模式/同步	external, trigger-over-cxp
---------	----------------------------

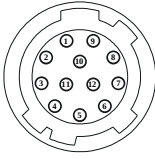
量子效率







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