

Allied Vision

EoSens CoaXPress-12

EoSens1.1CCX12-CM

规	
型号	EoSens1.1CCX12-CM
产品代码	F006003
产品系列	EoSens CoaXPress-12
状态	Available

传感器	
传感器类型	Area scan
色度	Color
光谱	Visible
光谱范围	400 nm to 1000 nm
分辨率	1,280 × 864 (1.10 MP)
传感器型号	Luxima LUX13HS
传感器架构（材料）	cmos
快门类型	Global shutter (GS)
传感器尺寸	17.54 × 11.84 mm (21.16 mm, Type 4/3)
像素尺寸	13.70 µm × 13.70 µm

像素格式	
传感器位深度	8-bit, 10-bit
RGB像素格式	bayer8, bayer10

时序与增益	
最大帧率	3674 fps
最大帧率 ROI模式	1280 x 864 | 3674 fps, 1280 x 768 | 4151 fps, 640 x 480 | 6576 fps, 128 x 128 | 23821 fps, x | 224673 fps,
曝光时间	2 µs to 1 s
增益	0.0 dB to 18.0 dB

I/O与电源

非电气隔离IO	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,
特定非电气隔离IO	0 x RS232 input, 0 x RS232 output, 0 x RS422 input, 0 x RS422 output,
光电隔离线路	0 x Optical isolated input, 0 x Optical isolated input,
I/O接口	12-pin Hirose HR10A-10P-12S
电源供应	12 to 24VDC, Power over CoaXPress
功耗	External: 14 W (typical)

机械特性

机身尺寸（L x W x H mm）	54 × 80 × 80
IP防护等级	IP30
镜头接口	C-Mount
重量	500 g

接口

数字接口	cxp-12 with 4 connections
接口连接器	(micro-BNC)
视觉标准	CoaXPress 2.0

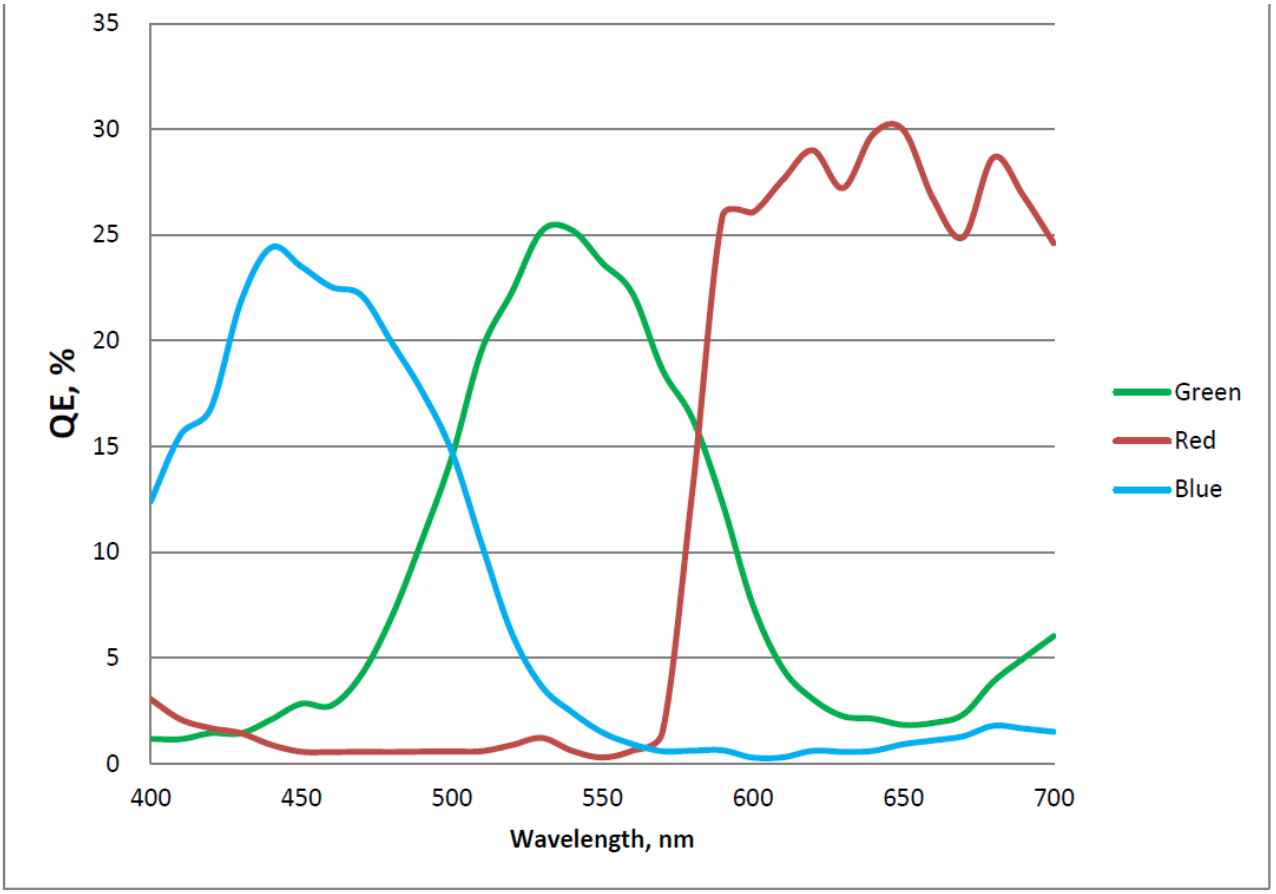
固件功能 - 图像控制

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

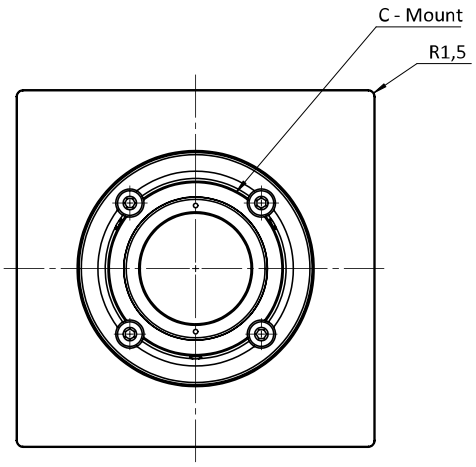
固件功能 - 相机控制

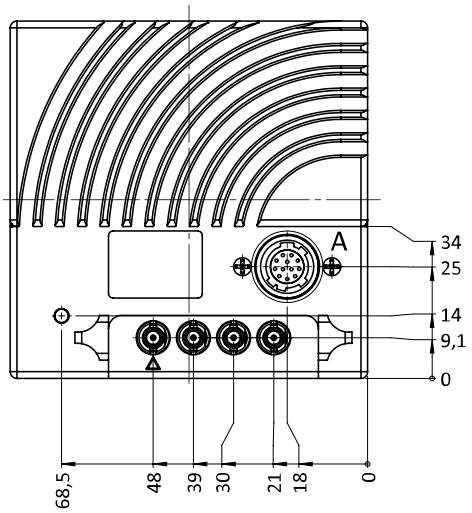
触发模式/同步	external, trigger-over-cxp

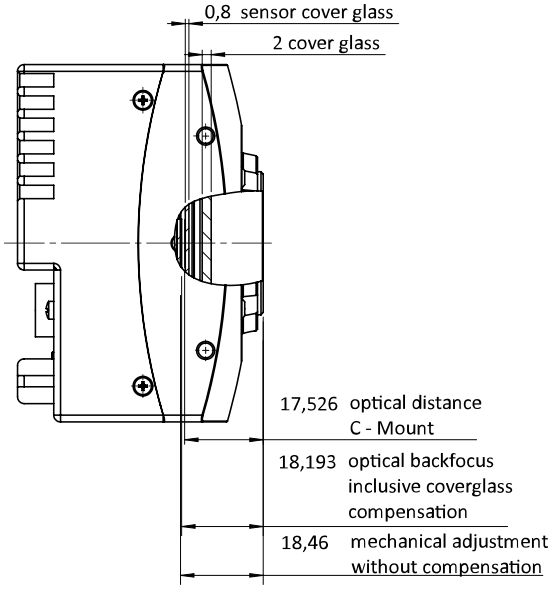
Quantum Efficiency

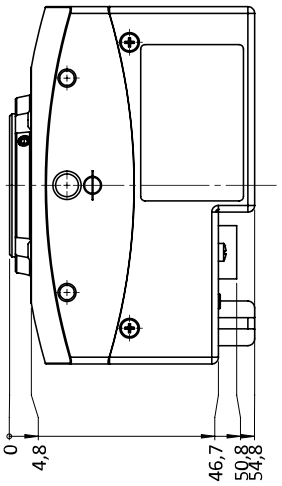


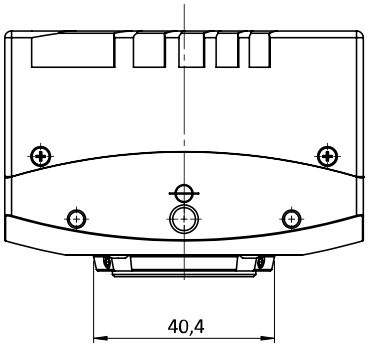
Technical Drawing

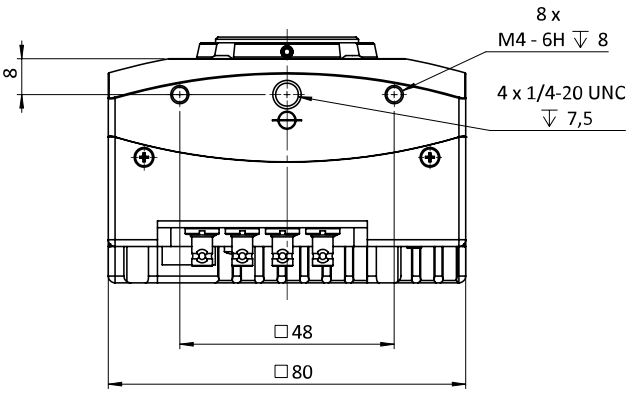


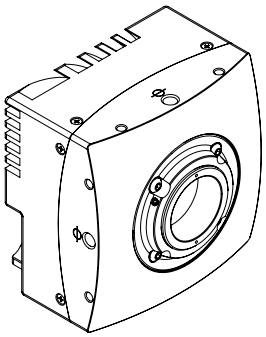


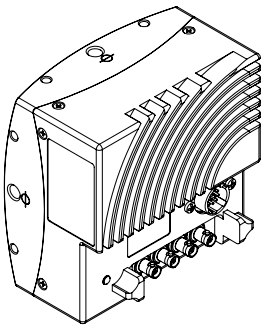




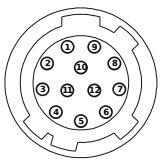








I/O pin assignment

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