

Allied Vision

EoSens CoaXPress-12

EoSens2.0MCX12-CM

반	
모델	EoSens2.0MCX12-CM
제품 코드	F006007
제품 시리즈	EoSens CoaXPress-12
상태	Available

센서	
센서 유형	Area scan
크로마	Mono
스펙트럼	Visible
스펙트럼 범위	400 nm to 1000 nm
해상도	1,920 × 1,080 (2.00 MP)
센서 모델	Luxima Lux19HS
센서 아키텍처 (소재)	cmos
셔터 유형	Global shutter (GS)
센서 크기	19.2 × 10.8 mm (22.03 mm, Type 4/3)
픽셀 크기	10.00 µm × 10.00 µm

픽셀 형식	
센서 비트 심도	8-bit, 10-bit
모노크롬 픽셀 형식	mono8, mono10

타이밍 및 게인	
최대 프레임 속도	2247 fps
최대 프레임 속도 ROI 모드	1920 x 1080 | 2247 fps, 1024 x 768 | 3152 fps, 640 x 480 | 5020 fps, 128 x 128 | 18177 fps, 1920 x 8 | 170578 fps, x | 170575 fps,
노출 시간	2 µs to 1 s
게인	0.0 dB to 18.0 dB

I/O 및 전원

비절연 라인	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,
특정 비절연 라인	0 x RS232 input, 0 x RS232 output, 0 x RS422 input, 0 x RS422 output,
광절연 라인	0 x Optical isolated input, 0 x Optical isolated input,
I/O 커넥터	12-pin Hirose HR10A-10P-12S
전원 공급 장치	12 to 24VDC, Power over CoaXPress
전력 소비	External: 13 W (typical)

작동 조건

작동 온도	-10 °C to 65 °C (하우징)

기계적 특성

본체 치수 (L x W x H mm)	55 × 80 × 80
IP 등급	IP30
렌즈 마운트	C-Mount
무게	500 g

인터페이스

디지털 인터페이스	cxp-12 with 4 connections
인터페이스 커넥터	(micro-BNC)
비전 표준	CoaXPress 2.0

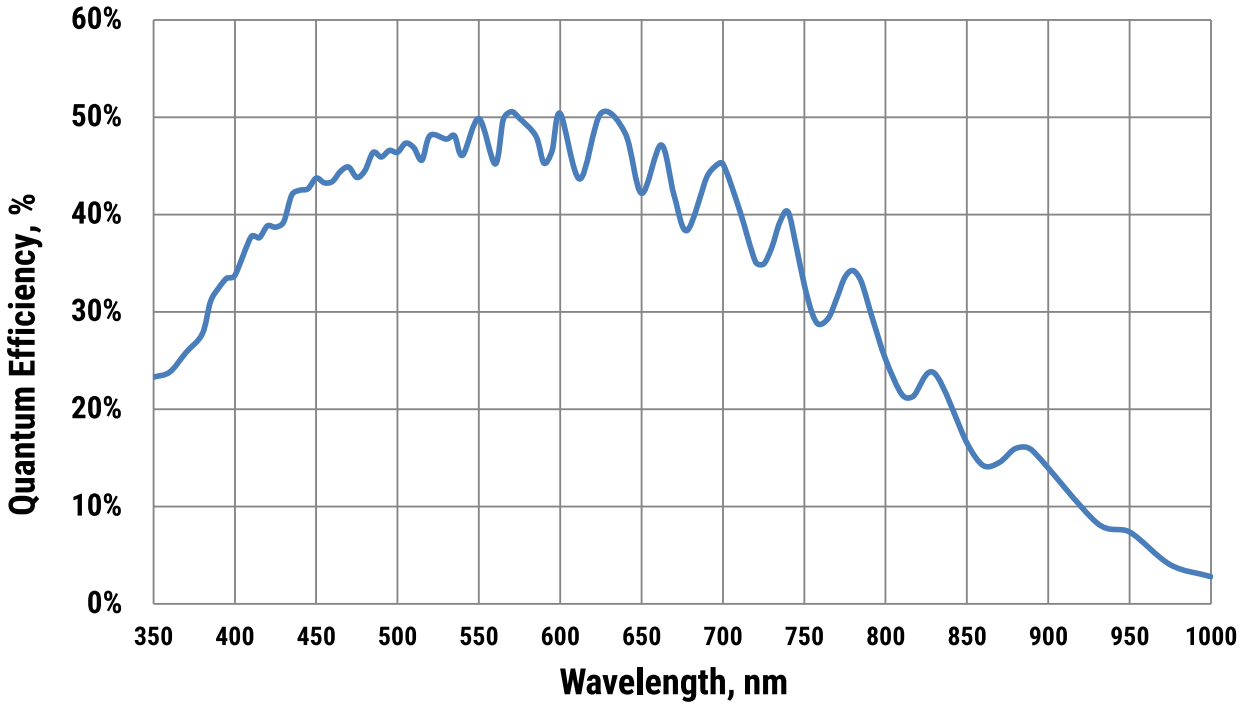
FW 기능 - 이미지 제어

노출 모드	external
게인 모드	digital, analog
이미지 제어 기능	roi, mirror-image

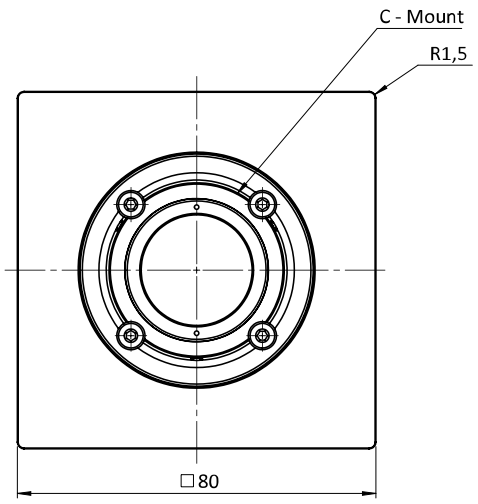
FW 기능 - 카메라 제어

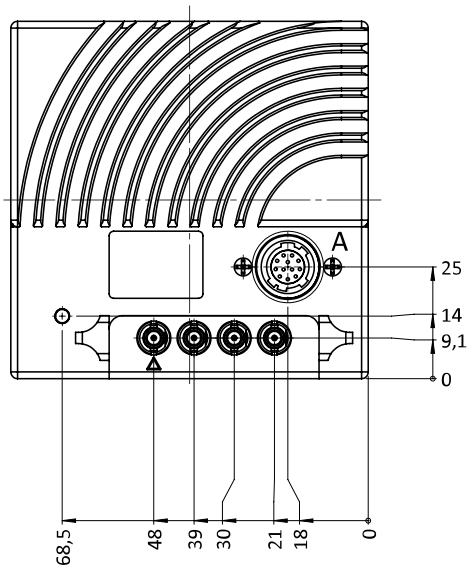
트리거 모드/동기화	external, trigger-over-cxp

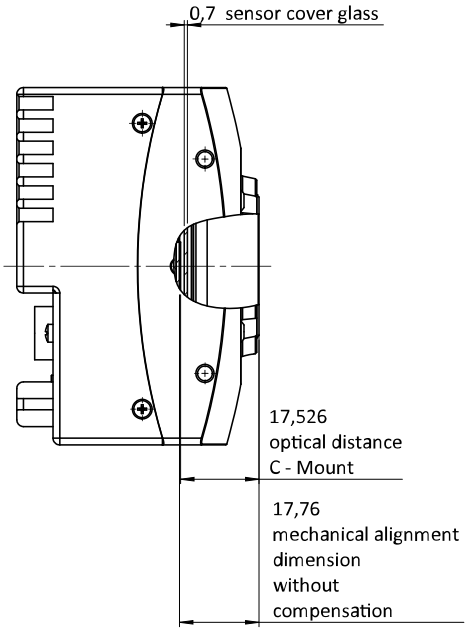
Quantum Efficiency

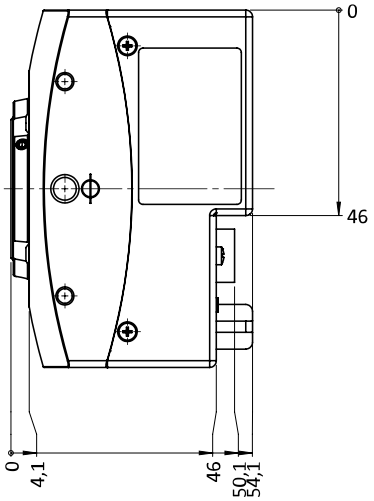


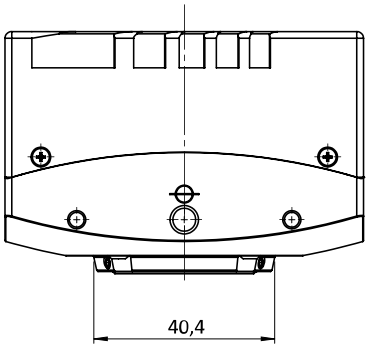
Technical Drawing

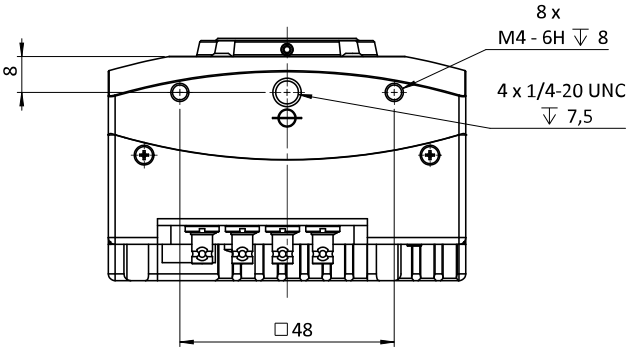


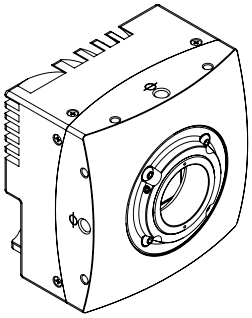


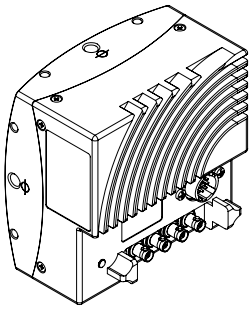




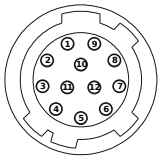








I/O pin assignment



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