Allied Vision



EoSens CoaXPress-6

EoSens4.0MCX6-CM

Generale

Modello	EoSens4.0MCX6-CM
Codice prodotto	F006019
Serie di prodotti	EoSens CoaXPress-6
Stato	Discontinued

Sensore

Tipo di sensore	Area scan
Croma	Mono
Spettro	Visible
Gamma spettrale	400 nm to 1000 nm
Risoluzione	2,336 × 1,728 (4.00 MP)
Modello sensore	Alexima AM41
Architettura sensore (Materiale)	cmos
Tipi di otturatore	Global shutter (GS)
Dimensione sensore	16.35 × 12.1 mm (20.34 mm, Type 4/3)
Dimensione pixel	7.00 µm × 7.00 µm

Formati pixel

Profondità bit sensore	8-bit, 10-bit
Formati pixel monocromatici	mono8, mono10

Tempi e guadagno

Frequenza fotogrammi max.	563 fps
Frequenza fotogrammi max. modalità ROI	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,
Tempo di esposizione	1 µs to 1 s
Guadagno	0.0 dB to 20.0 dB

I/O e alimentazione

Linee non isolate	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,
Linee non isolate specifiche	0 x RS232 input, 0 x RS232 output, 0 x RS422 input, 0 x RS422 output,
Linee otticamente isolate	0 x Optical isolated input, 0 x Optical isolated input,
Connettore I/O	12-pin Hirose HR10A-10P-12S
Alimentazione	12 to 24VDC, Power over CoaXPress
Consumo energetico	External: 10 W (typical)

Proprietà meccaniche

Dimensioni custodia (L x P x A in mm)	60 × 80 × 80
Classe IP	IP30
Attacco/i obiettivo	C-Mount
Peso	500 g

Interfacce

Interfaccia digitale	cxp-6 with 4 connections
Connettore interfaccia	(Din1.0/2.3)
Standard Vision	CoaXPress 1.0

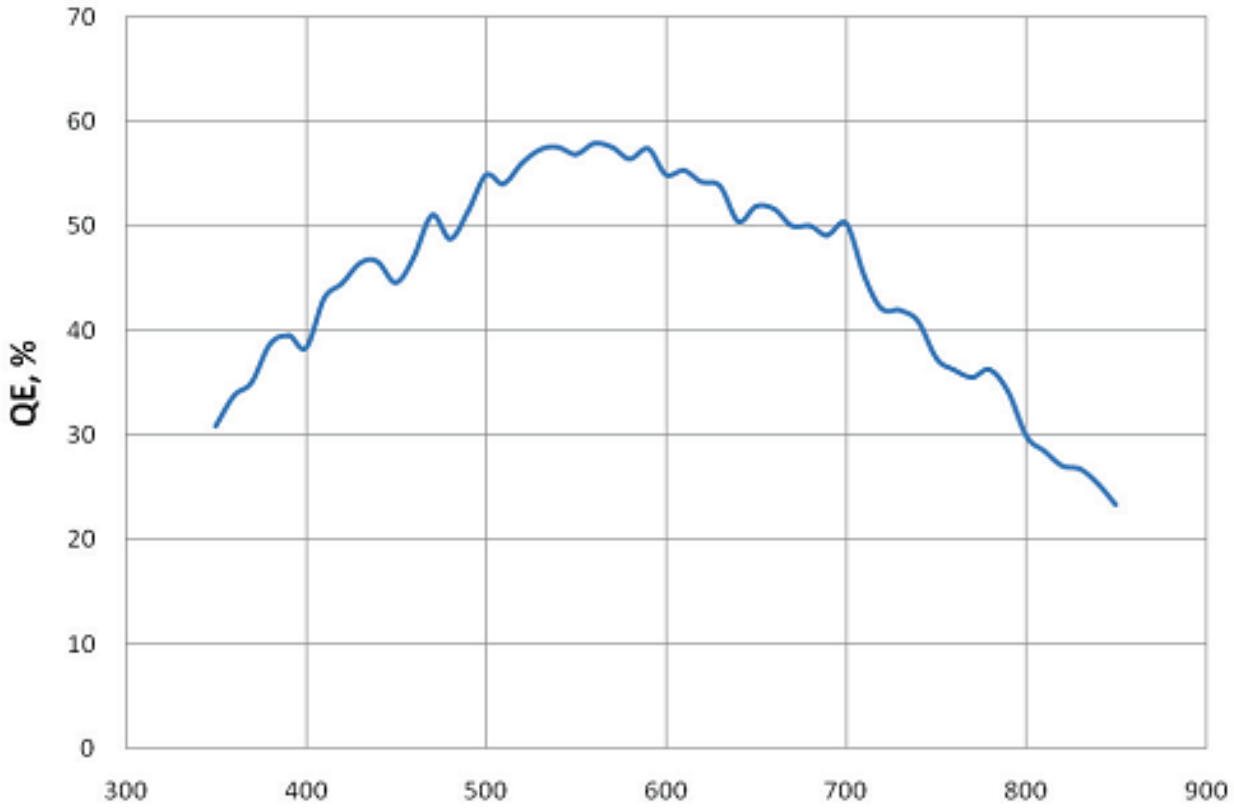
Funzioni FW – Controllo immagine

Modalità di esposizione	external
Modalità di guadagno	analog
Modalità di bilanciamento del bianco	true
Funzioni di controllo immagine	roi, mirror-image

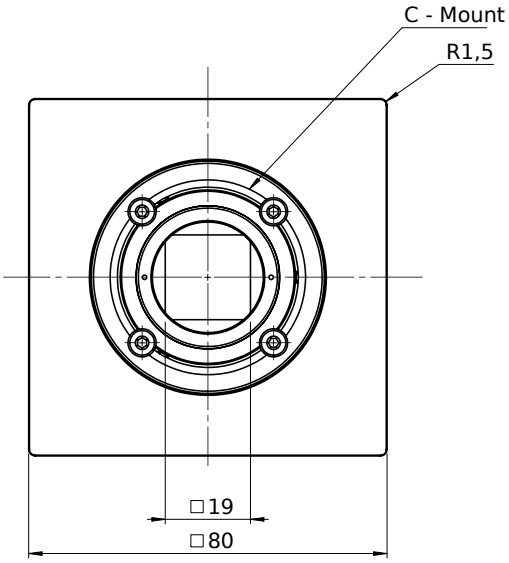
Funzioni FW – Controllo fotocamera

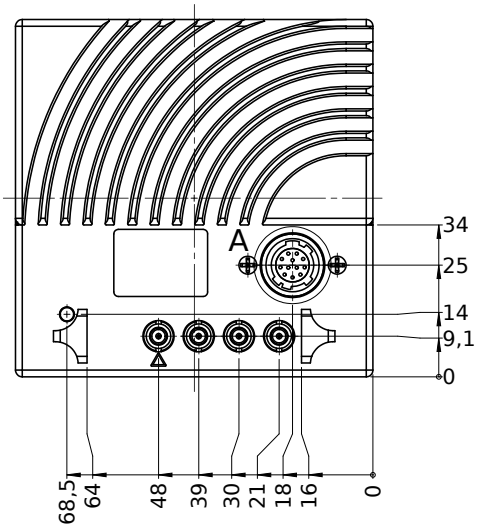
Modalità di trigger/sincronizzazione	external, trigger-over-cxp

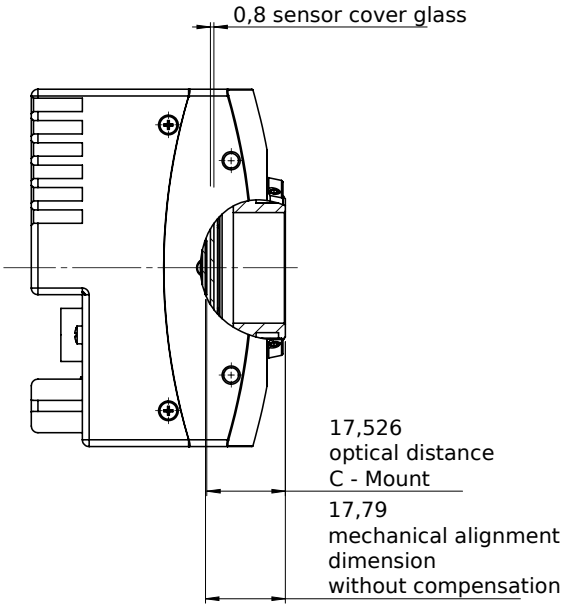
Efficienza quantica

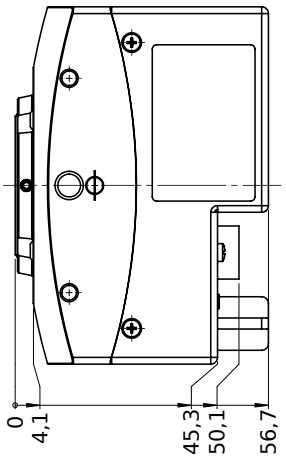


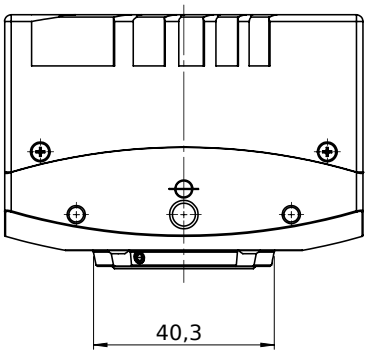
Disegno tecnico

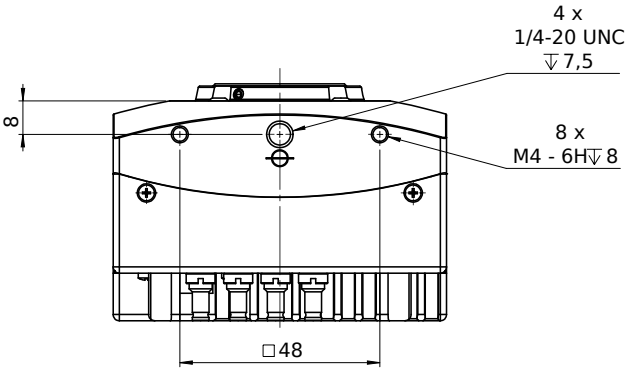


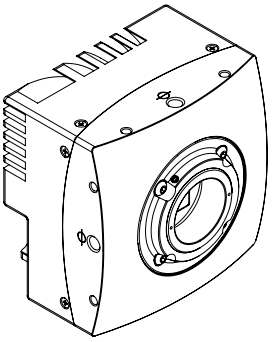


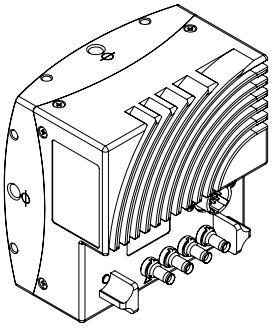




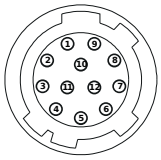








Assegnazione pin I/O

	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