

EoSens CoaXPress-6

EoSens4.0MCX6-CM

Allgemein

Modell	EoSens4.0MCX6-CM
Produktcode	F006019
Produktserie	EoSens CoaXPress-6
Status	Discontinued

Sensor

Sensortyp	Area scan
Chroma	Mono
Spektrum	Visible
Spektralbereich	400 nm to 1000 nm
Auflösung	2,336 × 1,728 (4.00 MP)
Sensormodell	Alexima AM41
Sensorarchitektur (Material)	cmos
Verschlusstyp(en)	global-shutter
Sensorgröße	16.35 × 12.1 mm (20.34 mm, 4/3)
Pixelgröße	7.00 µm × 7.00 µm

Pixelformate

Sensor-Bittiefe	8-bit, 10-bit
Monochrome Pixelformate	mono8, mono10

Timing und Verstärkung

Max. Bildrate	563 fps
Max. Bildrate ROI-Modi	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,
Belichtungszeit	1 µs to 1 s
Verstärkung	0.0 dB to 20.0 dB

I/Os und Stromversorgung

Nicht-isolierte Leitungen	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,
Spezifische nicht-isolierte Leitungen	0 x RS232 input, 0 x RS232 output, 0 x RS422 input, 0 x RS422 output,
Optisch isolierte Leitungen	0 x Optical isolated input, 0 x Optical isolated input,
I/O-Anschluss	2
Stromversorgung	12 to 24VDC, Power over CoaXPress
Stromverbrauch	External: 10 W (typical)

Mechanische Eigenschaften

Gehäuseabmessungen (L x B x H in mm)	60 × 80 × 80
IP-Klasse	IP30
Objektivanschluss/-anschlüsse	C-Mount
Gewicht	500 g

Schnittstellen

Digitale Schnittstelle	cxp-6 with 4 connections
Schnittstellenanschluss	(Din1.0/2.3)

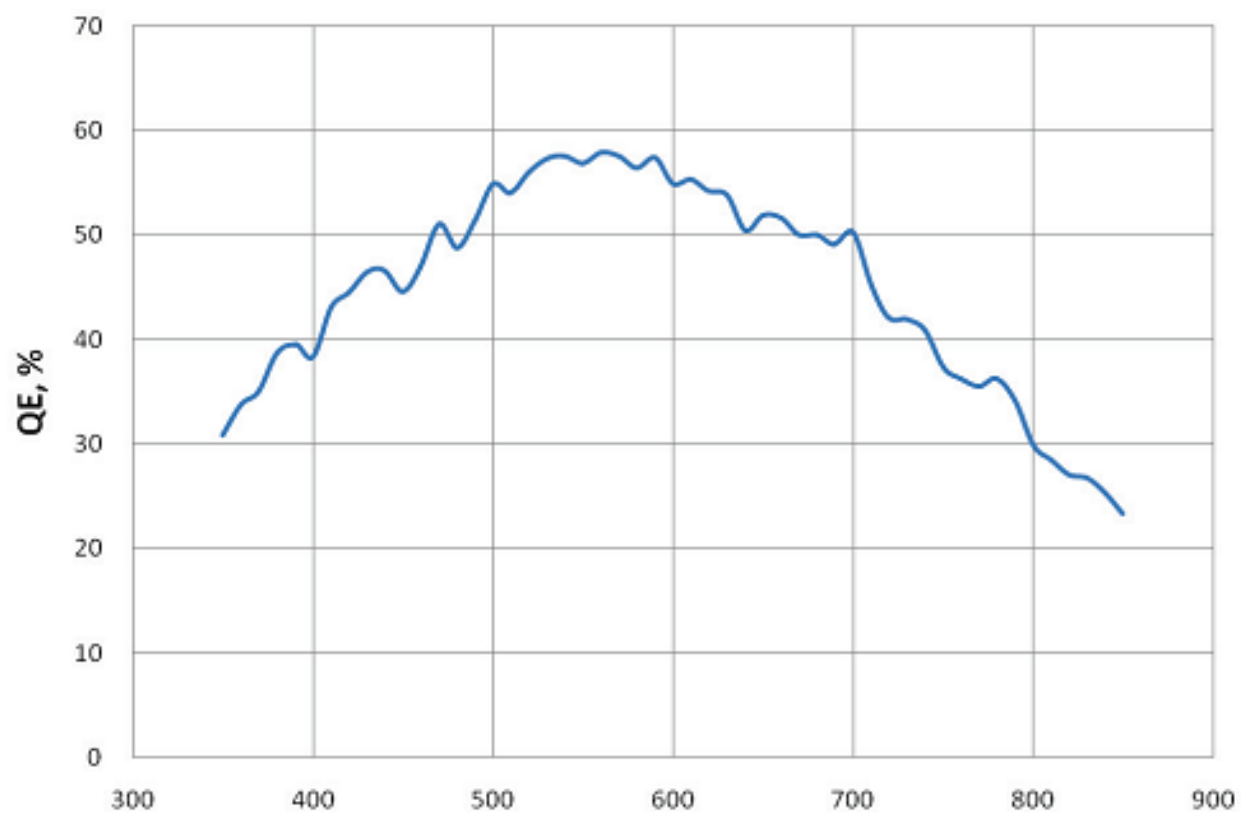
FW-Funktionen – Bildsteuerung

Belichtungsmodi	external
Verstärkungsmodi	analog
Weißabgleichmodi	true
Bildsteuerungsfunktionen	roi, mirror-image

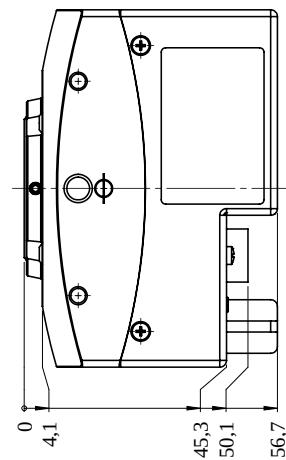
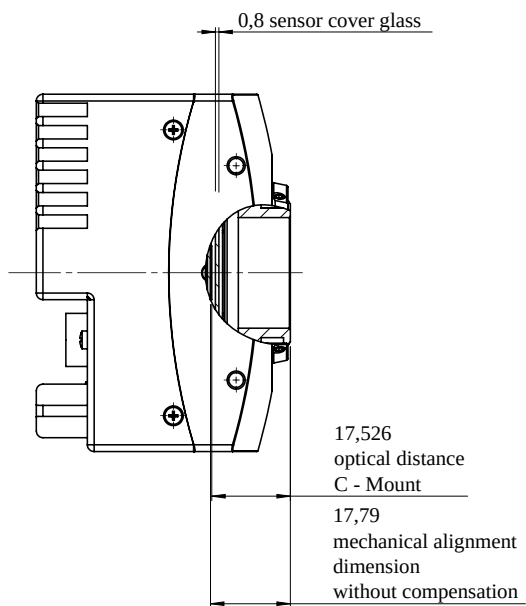
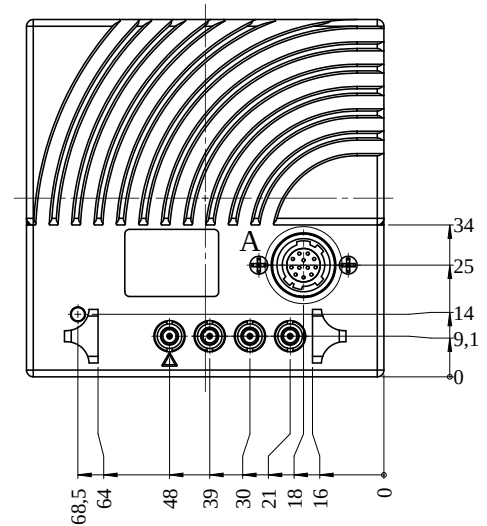
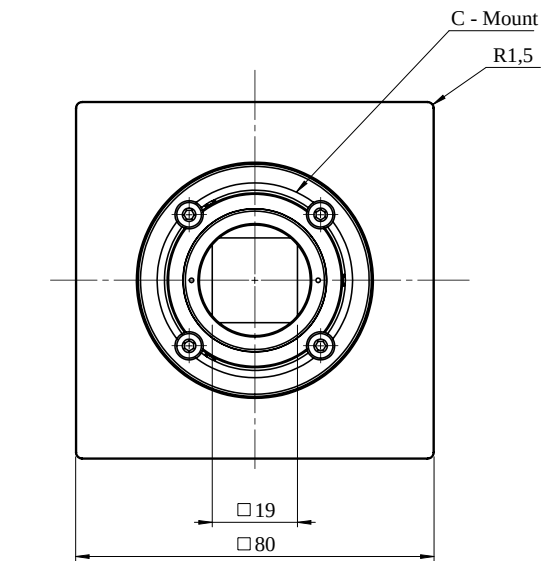
FW-Funktionen – Kamerasteuerung

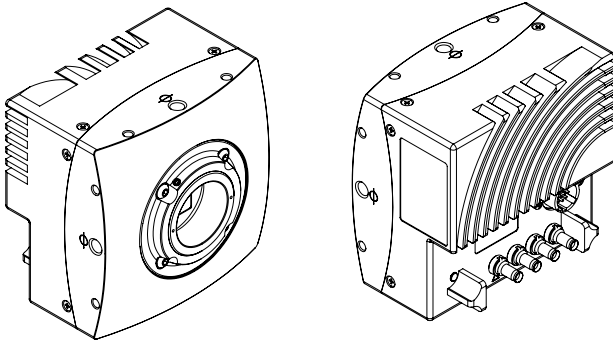
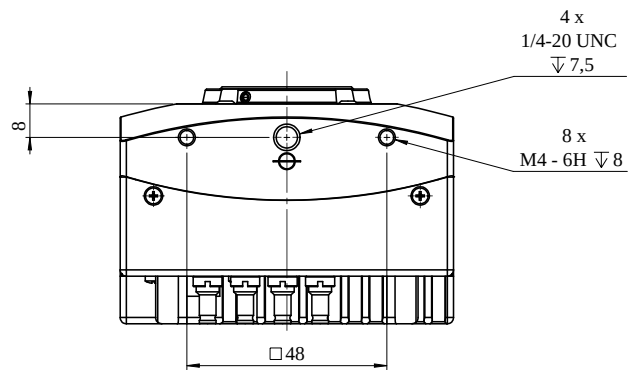
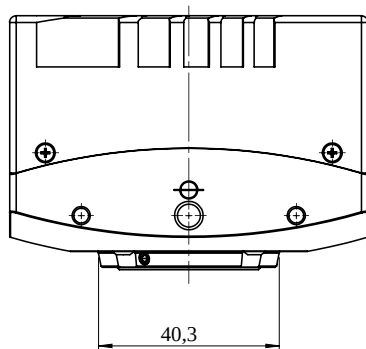
Triggermodi/Synchronisation	external, trigger-over-cxp
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Quanteneffizienz

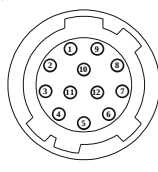


Technische Zeichnung





I/O-Pin-Belegung

	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