

CSX12M25CMP19

CoaXPress



Outline

With CoaXPress interface.

With TELL originally developed 1.9 type 12.58M pixel CMOS sensor.

Features

- Useful functions
 - Higher speed image scanning with scalable mode.
 - Clear image with less blurred is achieved by global electronic shutter.
- TFL-II Mount
 - Optimum lens can be selectable to 1.9 type 12.58M pixel image sensor by TFL-II Mount.

Accessory information (options)

CoaXPress cable

Grabber board for CoaXPress interface ▶ P40

TFL-II Mount lens ▶ P35

F-Mount conversion adopter (FTAR-2) ▶ P35

⇒ For details, please contact our staff.

Tripod attachment ▶ P30

• Spectral response ▶ P23, 24

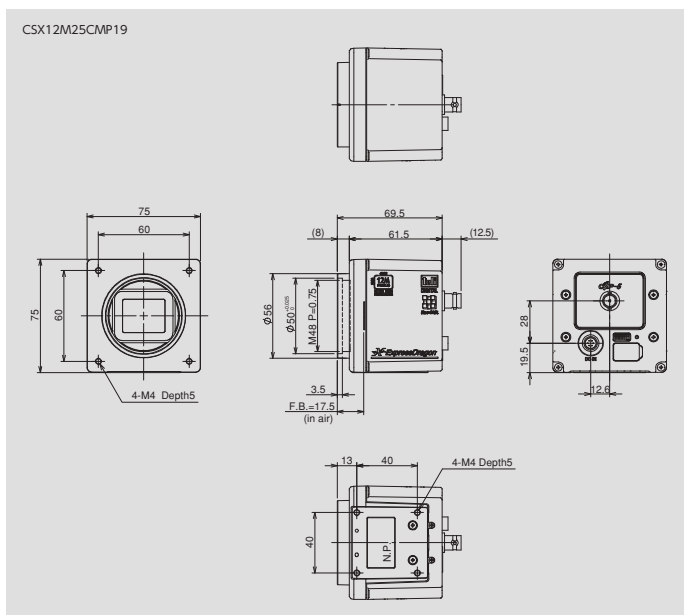
• Pin assignment ▶ P25

Specifications

B/W / COLOR	COLOR
Pixels	12M
Item	Model Name
	CSX12M25CMP19
Interface	CoaXPress (CXP-5)
Imager	1.9 type GS-CMOS (TELL Original)
Resolution	4,096 (H) × 3,072 (V) pixels
Frame Rate	25 fps
Pixel Size	6.0(H) × 6.0(V) μm
Electronic Shutter	1/20,000 s to 2 s, Random Trigger Shutter
Scan Method	Progressive
Color Filter	RGB primary color mosaic-on-tip color filter
Standard Sensitivity	3,000 lx, F4, 5,000 K
Minimum Sensitivity	125 lx, F2.8 (Gain MAX, Video Level 50%)
Gamma	γ=1.0
Gain	MANUAL (Digital gain) 0 to +18 dB (180 step, factory setting : 0 dB)
White Balance	MWB, OPWB
Sync System	Internal synchronization
Image Output Format	RAW 8 bit, Scalable mode
Power Supply	DC24 V ± 10% (ripple 50 mV (p-p) or less)
Power Consumption	Approx. 6.5 W
Lens Mount	TFL-II Mount
Dimensions	75 (W) × 75 (H) × 69.5 (D) mm (Not including protrusion)
Weight	Approx. 430 g
Operation Assurance	Temperature : -5°C to 45°C Humidity : 10% to 90% (no condensation)
Conformity	CE, FCC, RoHS, WEEE

* GS-CMOS : Global Shutter type CMOS image sensor.

Dimensions



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