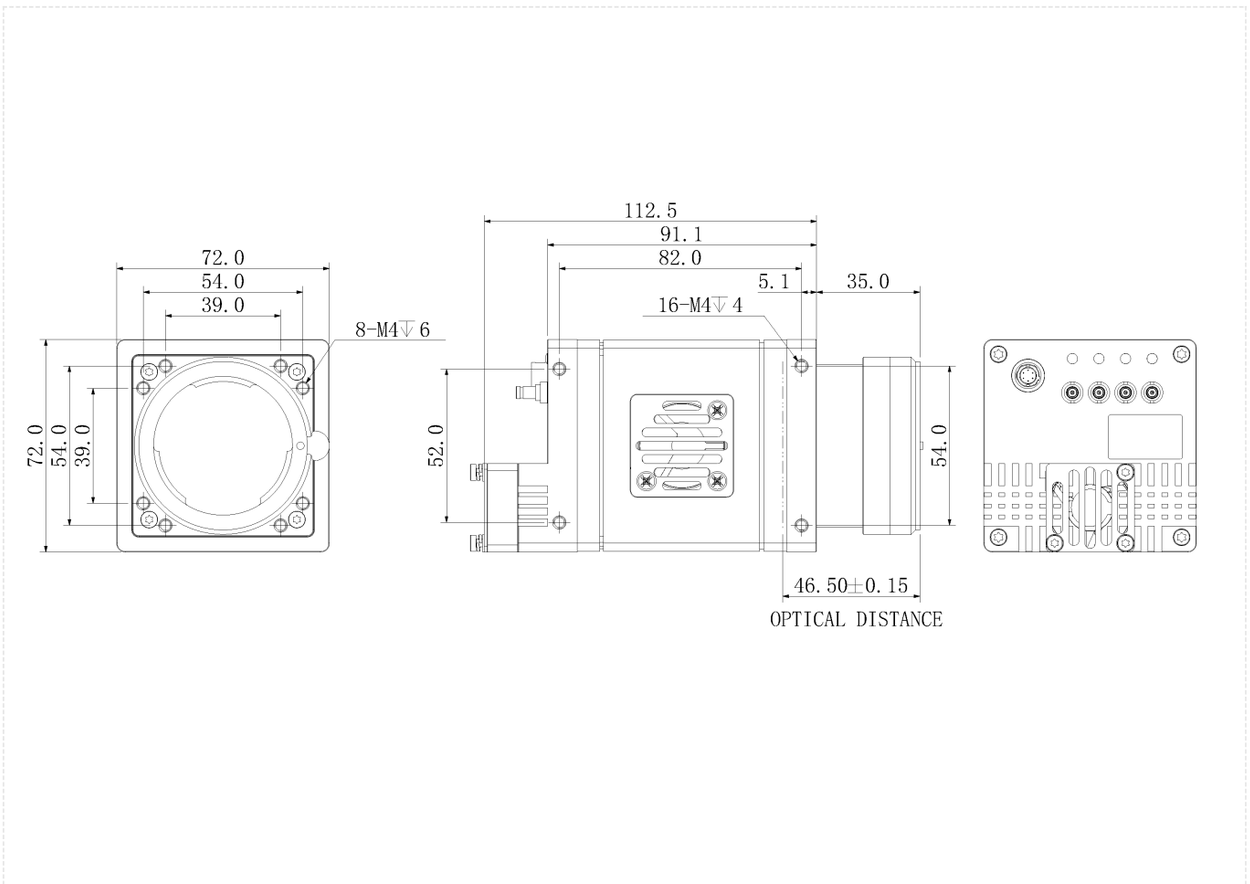
Large Area Scan Series

AX5E02MX160E

Features

- CXP-6 interface, 4*6.25Gbps theoretical transfer bandwidth;
- Support hardware trigger/free run mode;
- Support FFC;
- Support multiple image data formats output, ROI and etc. ;
- Conforms to CoaXPress protocol and GenICam standard;
- Support PoCXP and DC 24V power supply;
- Conform to CE, FCC, UL and RoHS;

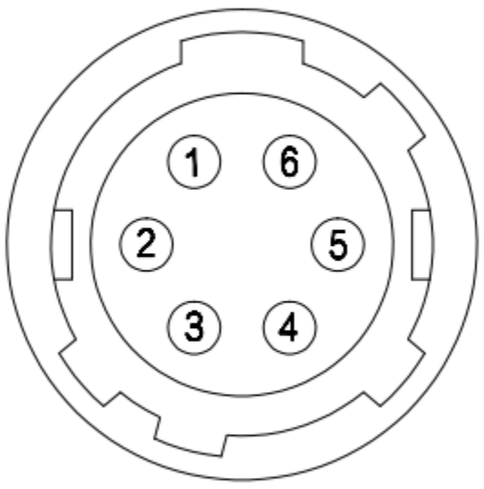
Dimensions (mm)

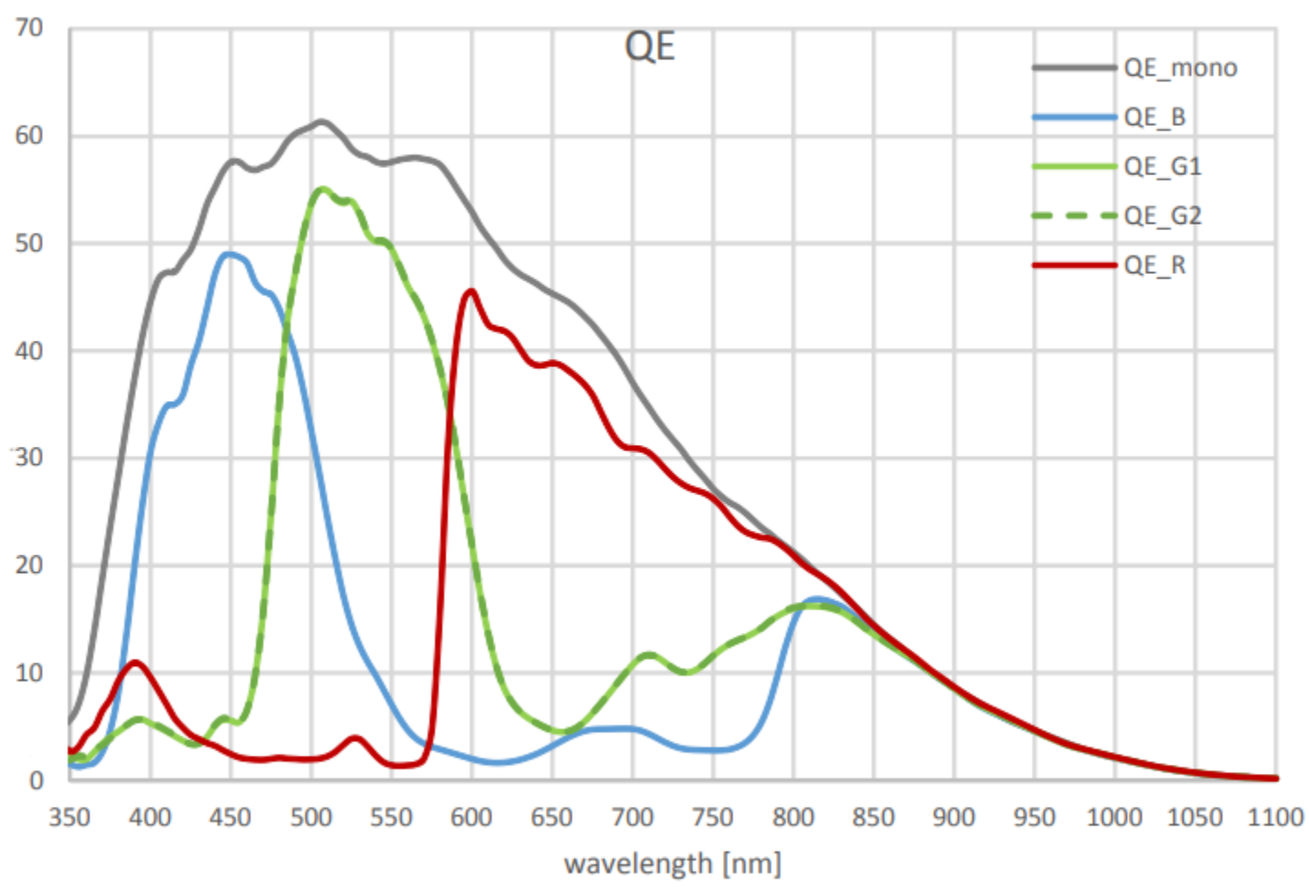


Specification

Model		AX5E02MX160E
Basic	Sensor	CMV50000
	Image Sensor	36.4 mm x 27.6 mm CMOS
	Shutter	Global
	Resolution	7920 × 6004
	Frame Rate	30 fps
	Bit Depth	12
	Mono/Color	Mono
	Pixel Size	4.6 × 4.6
Image	Pixel	50MP
	S/N Ratio	41.6dB
	WDR	64dB
	Image Format	BayerBG8 /BayerBG10/BayerBG12
	ROI	Support
	Gain	1~100
	Exposure Time	50μS~5S
	Trigger Mode	Software Trigger/Hardware Trigger/Free Run Mode
	SPC	Support
Performance	User Setting	Support two sets of user-defined configurations
	Image Buffer	2GB
Port	Port	CXP-6
	GPIO Interface	3 configurable input and output
	Lens Mount	F mount
Power	Power Supply	DC 12V~24V power supply via 6 Hirose interface
	Power Consumption	24V≈15W
Structure	Product Dimensions	72 mm x 72 mm x 91 mm (Non including rear case connector)
	Weight	720g
Environment	Working Environment	Storage：- 30℃~+80℃；Opeartion：- 30℃~+50℃

Connector Pin-out



Pin	Signal	Description
1	Power	Power supply
2	Line0	Dual-direcion configurable non-isolated I/O
3	Line1	Dual-direcion configurable non-isolated I/O
4	Line2	Dual-direcion configurable non-isolated I/O
5	Signal_GND	Signal GND
6	GND	Power GND

Spectrogram