

Large Area Scan Series

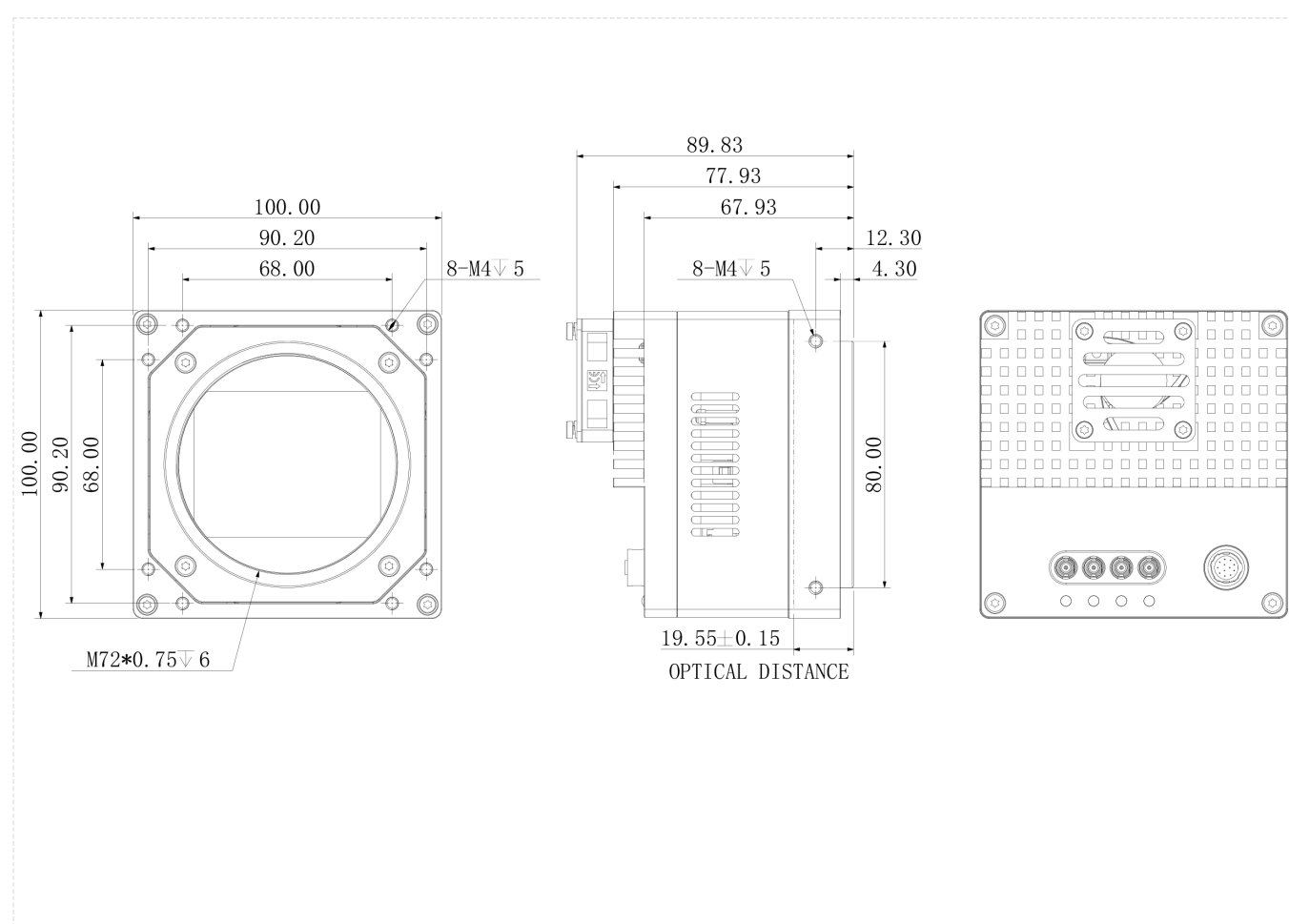
AX2450MP4E-670-F



Features

- CXP-12 interface, 4 x 12.5Gbps theoretical transfer bandwidth;
- Support hardware trigger/free run mode;
- Support multiple image data formats output, ROI and etc. ;
- Support PoCXP and DC 24V power supply;
- Conforms to CoaXPress protocol and GenICam standard;
- Conform to CE, KC and RoHS;

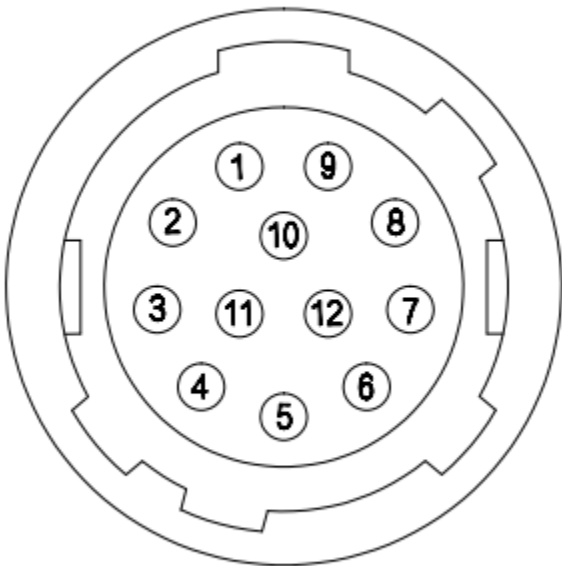
Dimensions (mm)



Specification

Model		AX2450MP4E-670-F
Basic	Sensor	IMX811
	Image Sensor	64.84 mm CMOS
	Shutter	Rolling
	Resolution	19200 × 12800
	Frame Rate	12.4 fps
	Bit Depth	12
	Mono/Color	Mono
	Pixel Size	2.81 μm × 2.81 μm
Image	Pixel	245 MP
	S/N Ratio	44.07 dB
	Dynamic Range	71.7 dB
	Image Format	Mono8/10/12
	Binning	Support
	ROI	Support
	X Flip	Support
	Gain	Analog gain: 1x ~ 16x, Digital gain: 1x ~ 32x
	Exposure Time	62 μs ~ 60 s
	Trigger Mode	Software Trigger/Hardware Trigger/Free Run Mode
	SPC	Support
Performance	User Setting	Support two sets of user-defined configurations
Port	Port	CXP-12
	GPIO Interface	3x Opto-isolated input, 3x Opto-isolated output
	Lens Mount	M72 × 0.75
Power	Power Supply	DC 24V power supply via 12 Hirose interface , support PoCXP
	Power Consumption	30 W
Structure	Product Dimensions	100 mm × 100 mm × 89.83 mm (not including rear case connector)
	Net Weight	900 g
Environment	Storage Temperature	-30℃ ~ +80℃
	Operating Temperature	-30℃ ~ +50℃

Connector Pin-out



Pin	Signal	Description
1	GND	Power and signal GND
2	Power	Power supply
3	RXD RS232	Serial receive
4	TXD RS232	Serial send
5	Line3	Opto-isolated input
6	Line4	Opto-isolated input
7	Line5	Opto-isolated input
8	OPT_IN_GND	Opto-isolated input GND
9	Line0	Opto-isolated output
10	Line1	Opto-isolated output
11	Line2	Opto-isolated output
12	OPT_OUT_GND	Opto-isolated output GND

Spectrogram

