

Large Area Scan Series

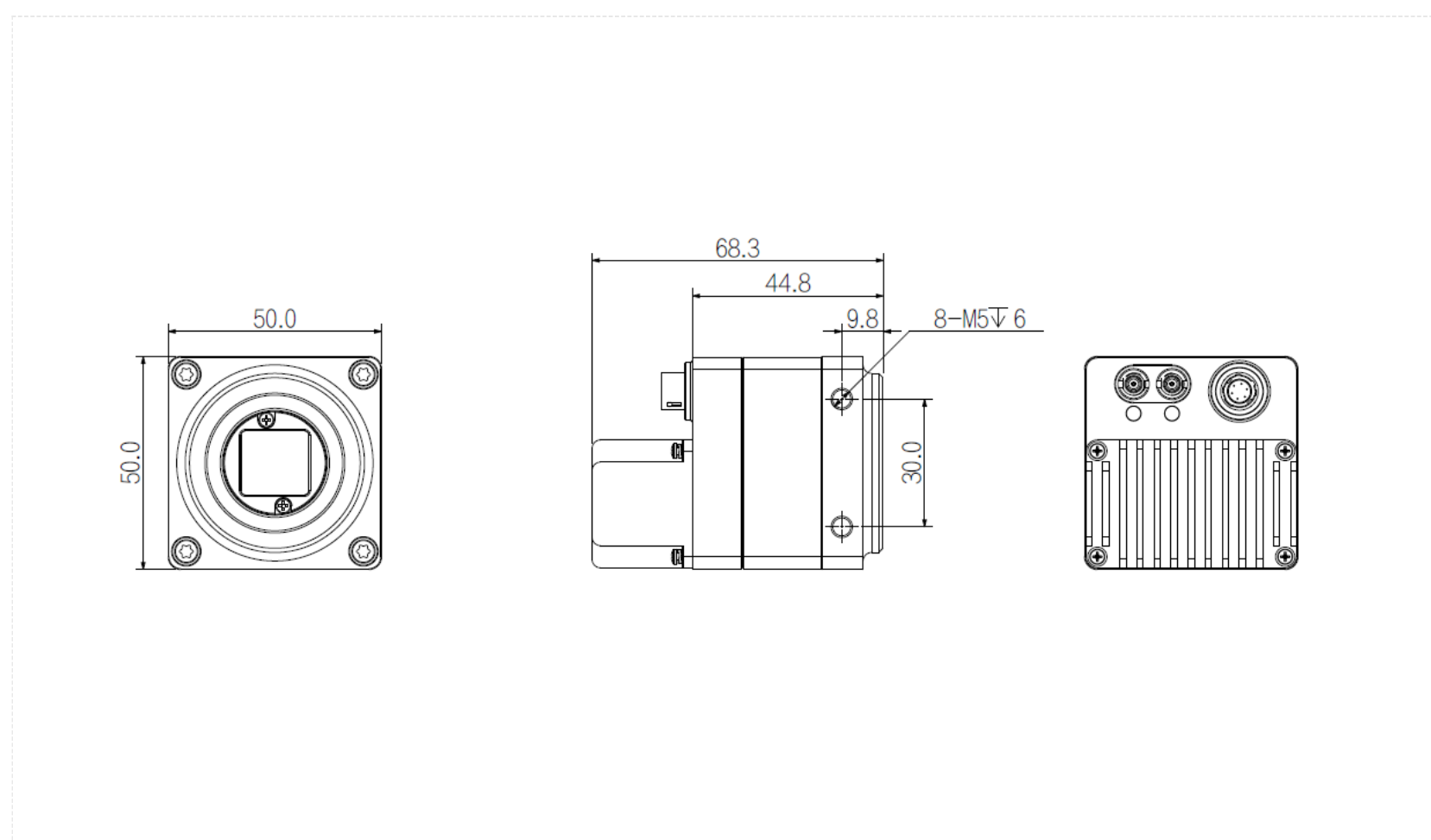
A9A27MX703E



Features

- CXP-6 interface, 2 x 6.25Gbps theoretical transfer bandwidth;
- Support hardware trigger/free run mode;
- Support FFC (block) function;
- 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, FCC, KC and RoHS;

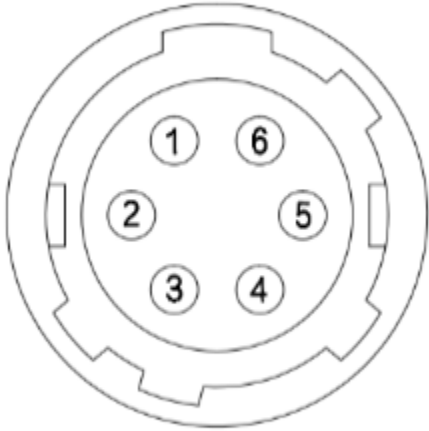
Dimensions (mm)



Specification

Model		A9A27MX703E
Basic	Sensor	Customized
	Image Sensor	11.27 mm × 10.24 mm CMOS
	Shutter	Global
	Resolution	4096 × 3072
	Frame Rate	85 fps
	Bit Depth	12 bit
	Mono/Color	Mono
	Pixel Size	2.5 μm × 2.5 μm
Image	Pixel	12 MP
	S/N Ratio	37.7 dB
	WDR	66.9 dB
	Image Format	Mono8/10/12
	ROI	Support
	X Flip	Support
	Y Flip	Support
	Gain	Analog Gain: 1× ~ 2× , Digital Gain: 1× ~ 100×
	Exposure Time	8 μS ~ 5 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-6
	GPIO Interface	1× Opto-isolated input, 1× Opto-isolated output, 1× configurable input and output
	Lens Mount	C-mount
Power	Power Supply	DC 24V power supply via 6 Hirose interface, support PoCXP
	Power Consumption	24V ≈ 7.8W
Structure	Product Dimensions	50 mm × 50 mm × 44.8 mm (Non including rear case connector)
	Net Weight	240 g
Environment	Storage Temperature	-30℃ ~ 80℃
	Operating Temperature	-30℃ ~ 40℃

Connector Pin-out



Pin	Description	Features
1	-	+10VDC to 24VDC power supply
2	LINE1	Opto-isolated input
3	LINE2	GPIO(I/O can be configured for non-isolated software)
4	LINE0	Opto-isolated output
5	-	Opto-isolated signal ground(ISO_GND)
6	-	Camera DC power ground and GPIO signal ground(GND)

Spectrogram

