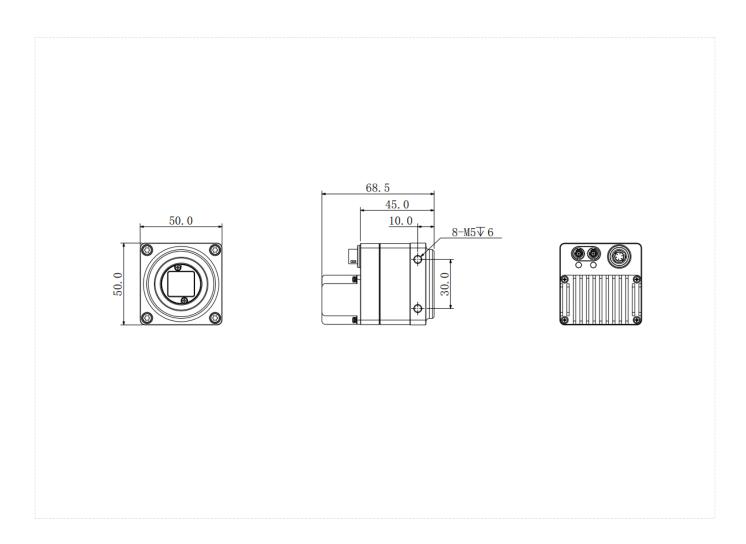# Large Area Scan Series

A9B57CX703E

⫻ 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;
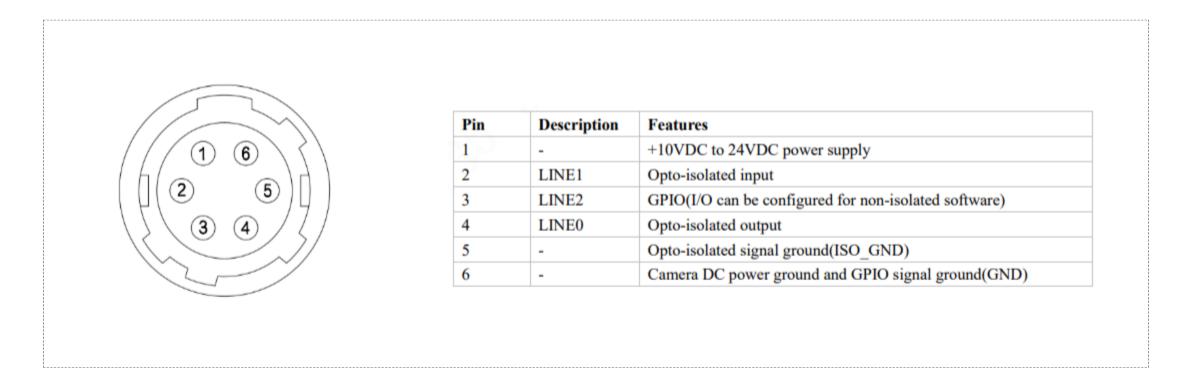
⫻ Dimensions (mm)

Specification

Model		A9B57CX703E
Basic	Sensor	GMAX0505
	Image Sensor	1.1" CMOS
	Shutter	Global
	Resolution	5120 × 5120
	Frame Rate	41.8 fps
	Bit Depth	12 bit
	Mono/Color	Color
	Pixel Size	2.5 μm × 2.5 μm
Image	Pixel	25 MP
	S/N Ratio	36 dB
	Dynamic Range	63 dB
	Image Format	BayerGB8/10/12
	ROI	Support
	X Flip	Support
	Y Flip	Support
	Gain	Analog Gain: 1× ～ 2× , Digital Gain: 1× ～ 100×
	White Balance	Support
	Exposure Time	25 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 ≈ 7.3W
Structure	Product Dimensions	50 mm × 50 mm × 45 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