

A Series

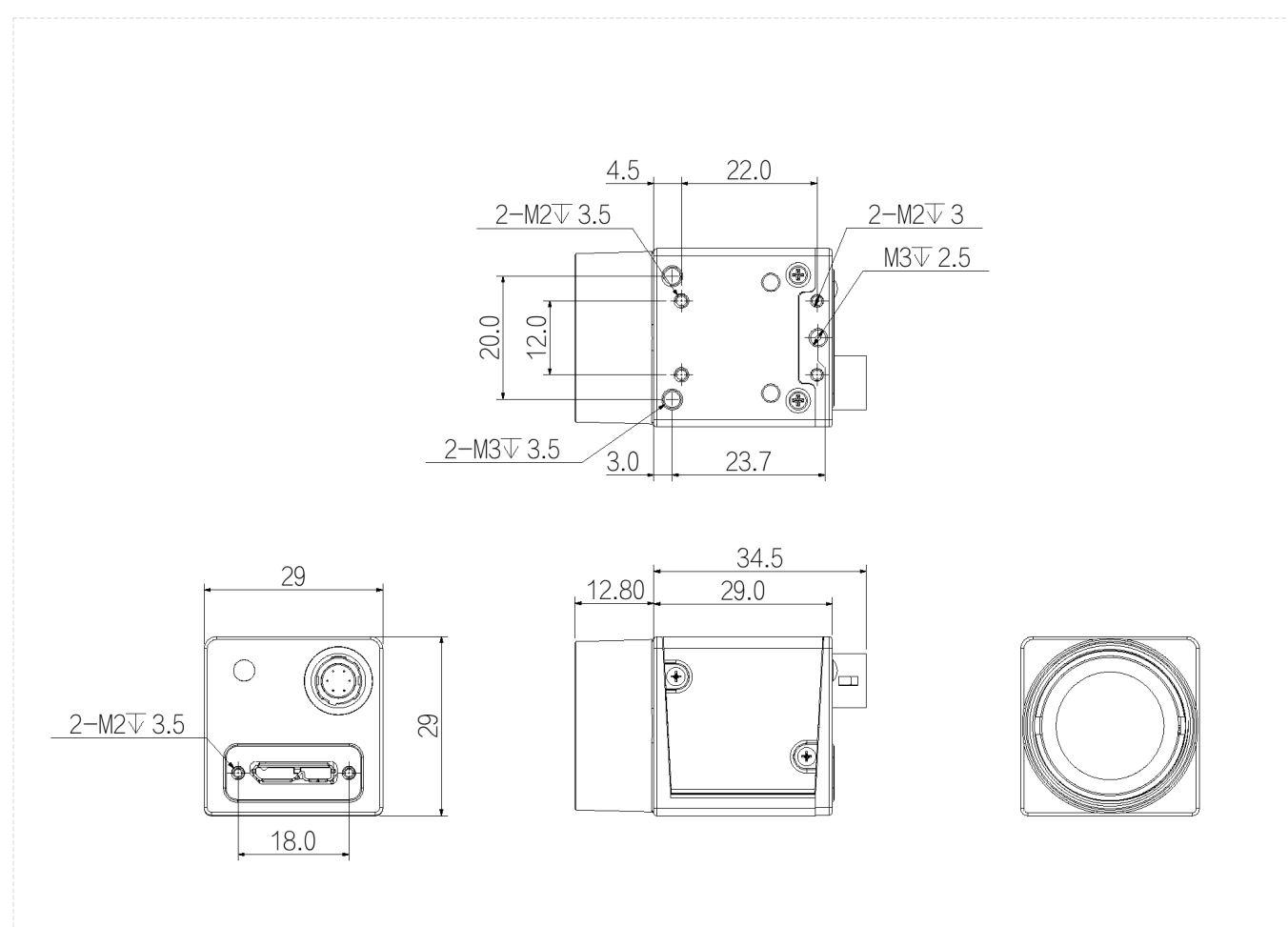
A7501MU001E



Features

- • 5Gbps bandwidth USB3.0 interface
- • 128MB on-board frame buffer
- • Support multiple image data formats
- • Conform to CE, FCC, RoHS certifications
- • Software trigger/Hardware trigger/Free run mode
- • Conforms to USB 3.0 vision protocol and GenICam standard

Dimensions (mm)



Specification

Model		A7501MU001E
Basic	Sensor	XGS5000
	Image Sensor	2/3"CMOS
	Shutter	Global
	Resolution	2592 × 2048
	Frame Rate	43 fps
	Bit Depth	12
	Mono/Color	Mono
	Pixel Size	3.2 μm × 3.2 μm
Image	Pixel	5 MP
	S/N Ratio	40 dB
	WDR	64 dB
	Image Format	Mono8/10/10Packed
	Binning	Support
	ROI	Support
	X Flip	Support
	Y Flip	Support
	Gain	1~32
	Gamma	Range from 0 to 4, support LUT
	Exposure Time	28μs ~ 1 s
	Trigger Mode	Software Trigger/Hardware Trigger/Free Run Mode
	SPC	Support
Performance	User Setting	Support two sets of user-defined configurations
	Image Buffer	64 MB
Port	Port	USB 3.0
	GPIO Interface	6 pin Hirose: 1 Opto-isolated input, 1 Opto-isolated output, 1 configurable input/output without opto isolation
	Lens Mount	C
Power	Power Supply	Power supply via USB connector /DC power supply by Hirose connector, with voltage range from 9V to 24V
	Power Consumption	≈3.2 W
Structure	Product Dimensions	29 mm×29 mm×29 mm(not including rear case connector)
	Net Weight	60 g
Environment	Storage Temperature	-30° C~ + 80° C
	Operating Temperature	-30° C~+50° C

Spectrogram

