

A Series

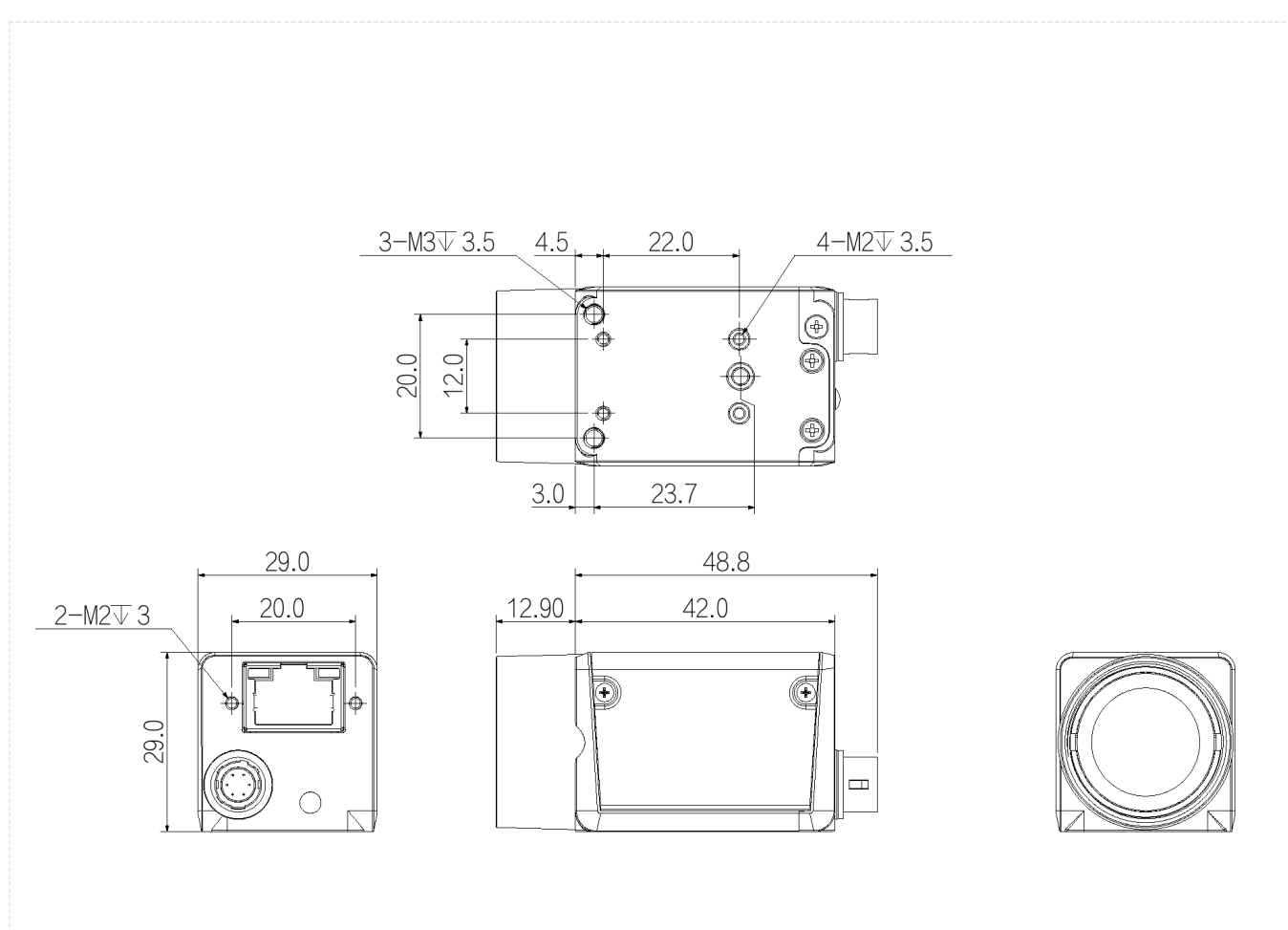
A7201MG010E



Features

- Gigabit Ethernet interface, providing 1Gbps bandwidth with a maximum transmission distance of 100m;
- 256MB on-board cache for data transmission or image resend;
- Support Software Trigger/Hardware Trigger/Free Run Mode;
- Support ISP functions including Sharpness/Denoising/Gamma/LUT/BlackLevel Correction/TargetBrightness/Contrast etc.;
- Color cameras support interpolation, white balance, color conversion matrix, chroma, saturation, etc.;
- Support multiple image data formats output/ROI/Mirror, etc.;
- Conform to GigE Vision V2.0 protocol and GenICam standard;
- Support PoE power supply, DC 9V~24V wide voltage power supply;
- Conform to CE, FCC, RoHS;

Dimensions (mm)



Specification

Model		A7201MG010E
Basic	Sensor	XGS2000
	Image Sensor	1/2.2"CMOS
	Shutter	Global
	Resolution	1920 × 1200
	Frame Rate	52 fps
	Bit Depth	12
	Mono/Color	Mono
	Pixel Size	3.2 μm × 3.2 μm
Image	Pixel	5.0 MP
	S/N Ratio	38 dB
	WDR	60 dB
	Image Format	Mono8/10/10Packed/Mono12/Mono12Packed ;
	Binning	Support
	ROI	Support
	X Flip	Support
	Y Flip	Support
	Gain	1 ~ 32
	Gamma	From 0 to 4 , support LUT
	Exposure Time	25 μs ~ 10 s
	Trigger Mode	Software Trigger/Hardware Trigger/Free Run Mode
	SPC	Support
	FPN	Support
Performance	User Setting	Support two sets of user-defined configurations
	Image Buffer	256 MB
Port	Port	GigE,PoE
	GPIO Interface	1x 6 pin Hirose: 1x Opto-isolated input, 1x Opto-isolated output
	Lens Mount	C-mount
Power	Power Supply	PoE/ DC 9V~24V power supply via Hirose interface
	Power Consumption	12 V≈3.2 W
Structure	Product Dimensions	29mm*29mm*42mm (not including lens mount and rear case connector)
	Net Weight	88 g
Environment	Storage Temperature	-30°C ~ +80°C

Model		A7201MG010E
Environment	Operating Temperature	-30℃ ~ +50℃

 Spectrogram

