A Series
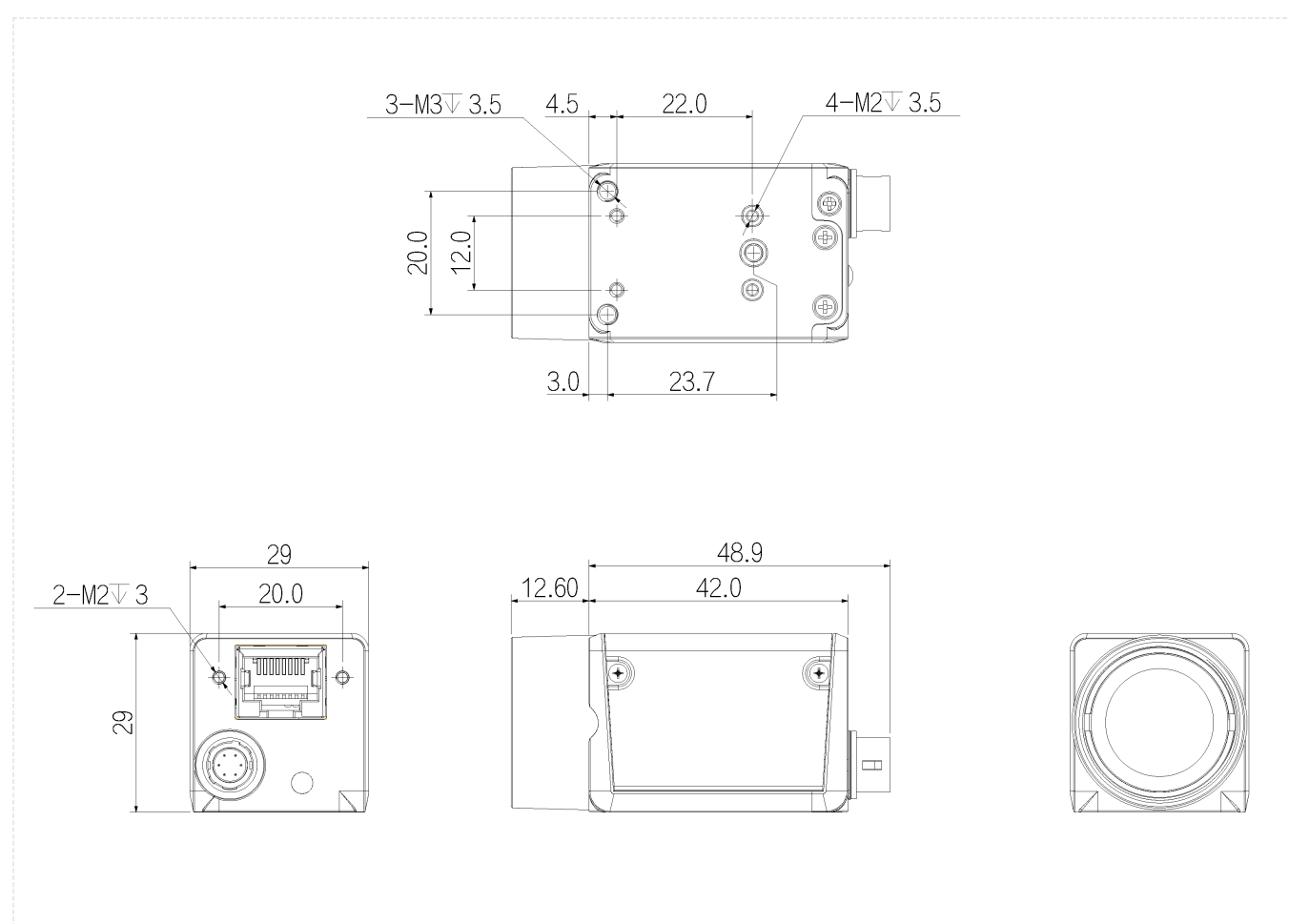
A7200MG30E

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.;
- Support multiple image data formats output/ROI/Binning/Mirror, etc.;
- Conform to GigE Vision V2.0 protocol and GenICam standard;
- Conform to CE, FCC, UL, RoHS;

Dimensions (mm)

⟋ Specification

Model		A7200MG30E
Basic	Sensor	IMX249
	Image Sensor	1/1.2"CMOS
	Shutter	Global
	Resolution	1920 × 1200
	Frame Rate	38 fps
	Bit Depth	12
	Mono/Color	Mono
	Pixel Size	5.86 μm × 5.86 μm
Image	Pixel	2 MP
	S/N Ratio	38 dB
	Dynamic Range	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	14 μs ~ 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	256MB
Port	Port	GigE, PoE
	GPIO Interface	1× 6 pin Hirose: 1× Opto-isolated input, 1× Opto-isolated output, 1 configurable input and output
	Lens Mount	C-mount
Power	Power Supply	PoE/ DC 9V~24V power supply via Hirose interface
	Power Consumption	12 V≈3.0 W
Structure	Product Dimensions	29 mm × 29 mm × 42 mm (not including lens mount and rear case connector)
	Net Weight	88 g
Environment	Storage Temperature	-30℃~+80℃
	Operating Temperature	0℃~+50℃