

# A Series

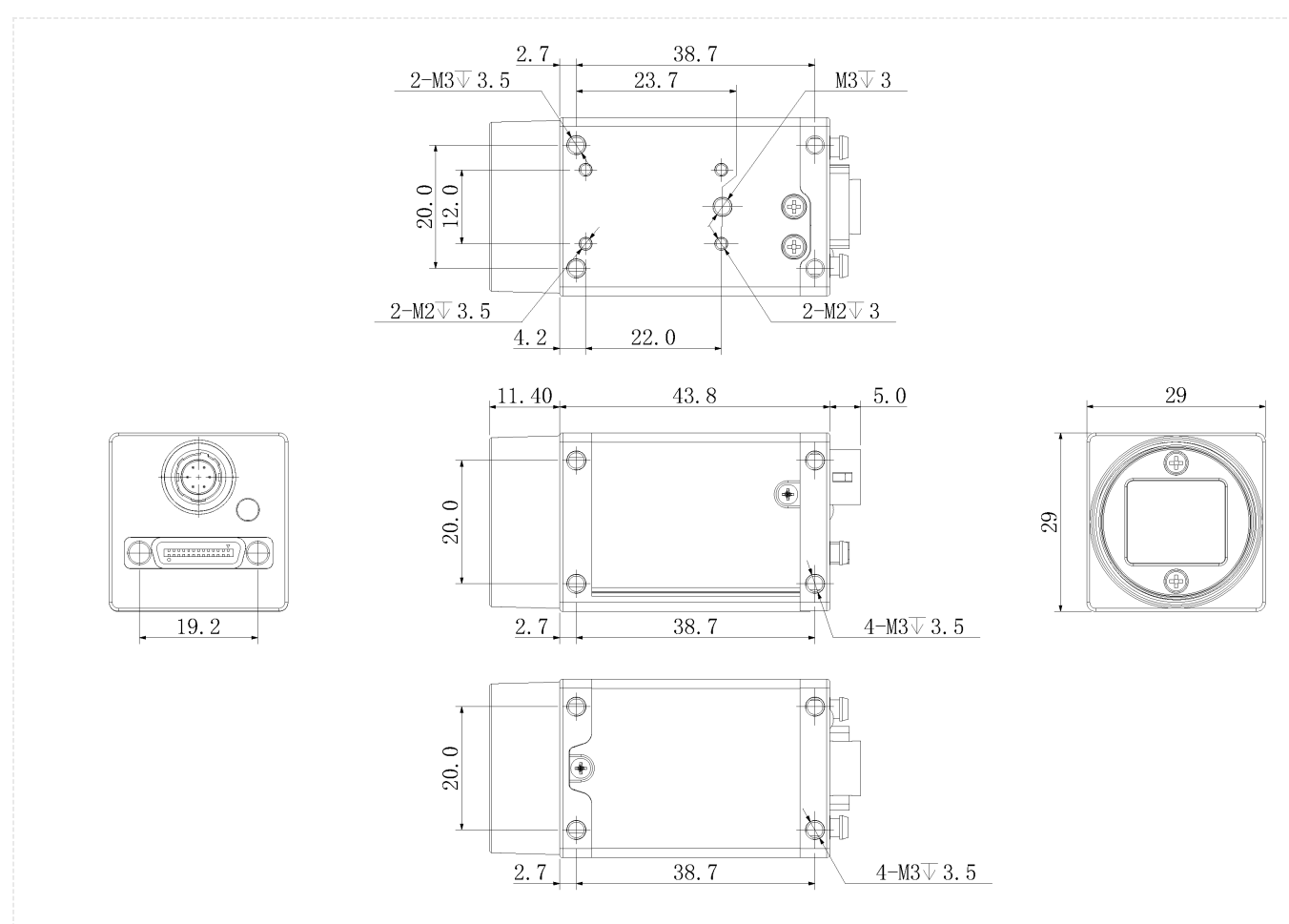
## A7A21CK401E



### Features

- CameraLink, provides up to 2.5Gbps effective bandwidth in base mode;
- Support Software Trigger/Hardware Trigger/Free Run Mode;
- Support multiple image data formats output/ROI/Mirror, etc.;
- Compatible with CameraLink V2.0 protocol and GenICam standard;
- Compatible with GenCP V1.1 protocol;
- Support PoCL power supply, external power supply;
- Comform to CE , FCC , UL , RoHS;

### Dimensions (mm)



Specification

Model		A7A21CK401E
Basic	Sensor	XGS12000
	Image Sensor	1"CMOS
	Shutter	Global
	Resolution	4096 × 3072
	Frame Rate	18 fps
	Bit Depth	10
	Mono/Color	Color
	Pixel Size	3.2 μm × 3.2 μm
Image	Pixel	12 MP
	S/N Ratio	> 38 dB
	WDR	> 70 dB
	Image Format	BayerRG8/BayerRG10/BayerRG12
	ROI	Support
	X Flip	Support
	Y Flip	Support
	Gain	1~32
	Exposure Time	17 μs ~ 1 s
	Trigger Mode	Software Trigger/Hardware Trigger/Free Run Mode
Performance	User Setting	Support two sets of user-defined configurations
	Pixel Clock	80 M
Port	Port	CameraLink
	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	PoCL/DC 9V~24V power supply via Hirose interface
	Power Consumption	≈2.4 W
Structure	Product Dimensions	29mm×29mm×43.8mm(not including lens mount and rear case connector)
	Net Weight	80 g
Environment	Storage Temperature	- 30°C~+80°C
	Operating Temperature	- 30°C~+50°C

Spectrogram

