

A Series

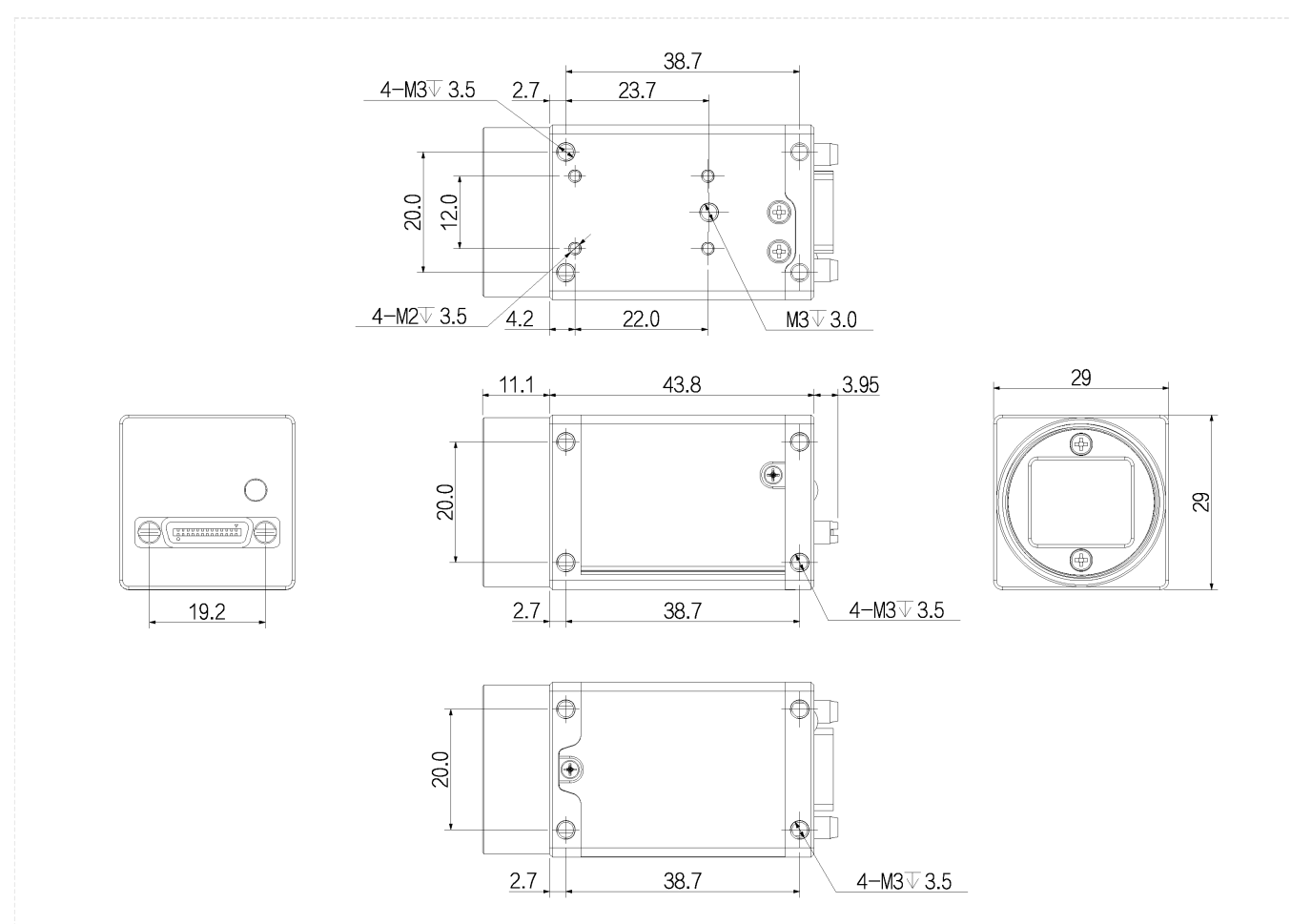
A7040CK402E



Features

- CameraLink, provides up to 1.8Gbps 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;
- Comform to CE , FCC , UL , RoHS;

Dimensions (mm)



 Specification

Model		A7040CK402E
Basic	Sensor	IMX287
	Image Sensor	1/2.9" CMOS
	Shutter	Global
	Resolution	720 × 540
	Frame Rate	349 fps
	Bit Depth	10
	Mono/Color	Color
	Pixel Size	6.9 μm × 6.9 μm
Image	Pixel	0.4MP
	S/N Ratio	>38dB
	WDR	>70dB
	Image Format	BayerRG8/10
	ROI	Support
	X Flip	Support
	Y Flip	Support
	Gain	1~32
	White Balance	automatic white balance
	Exposure Time	16μS~1S
	Trigger Mode	Software Trigger/Acquisition Board Hardware Trigger/Free Run Mode
Performance	User Setting	Support two sets of user-defined configurations
	Pixel Clock	32M/48M/64M/80M
Port	Port	CameraLink
	Lens Mount	C-mount
Power	Power Supply	PoCL
	Power Consumption	≈2.38W
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

