

# 7000 Series GigE Area Scan Camera

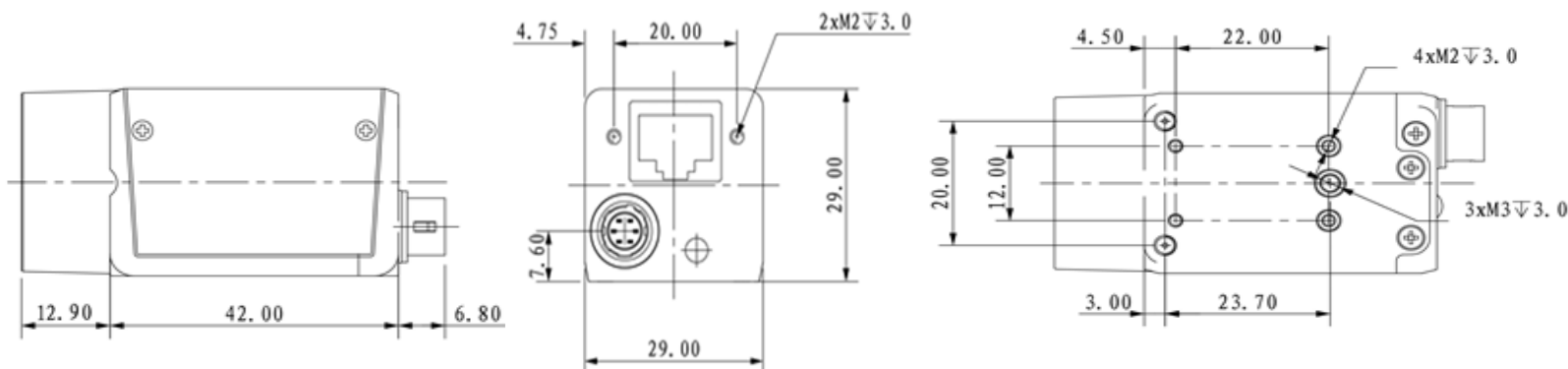
## A7040CG000E

### Product Features

- Gigabit Ethernet interface, providing 1Gbps bandwidth with a maximum transmission distance of 100m;
- 128MB 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)



## Technical Specifications

Model Name	A7040CG000E
Sensor	IMX287
Sensor Type	1/2.9"CMOS
Shutter	Global
Resolution	720 x 540
Frame Rate	300
Bit Depth	12
Mono/Color	Color
Pixel Size	6.9 x 6.9
Pixel	0.4MP
S/N Ratio	38dB
WDR	70dB
Image Format	Mono8,BayerRG8/10/10Packed/12/12Packed, BayerGB8/10/10Packed/12/12Packed, YUV422Packed
ROI	Support
X-axis Flip	Support
Y-axis Flip	Support
Gain	1~32
White Balance	Automatic white balance
Gamma	From 0 ~ 4, support LUT
Exposure Time	20μS~1S
Sync Mode	Software Trigger/Hardware Trigger/Free Run Mode
SPC	Support
User Setting	Support two sets of user-defined configurations
Cache	64MB
Port	GigE, PoE
GPIO	1x 6 pin Hirose: 1x Opto-isolated input, 1x Opto-isolated output, 1 configurable input and output
Lens Mount	C-mount
Power Supply	PoE/ DC 9V~24V power supply via Hirose interface
Power Consumption	12V≈4.0W
Product Dimensions	29mm*29mm*42mm (not including lens mount and rear case connector)
Weight	88g
Working Environment	Storage: - 30°C~+80°C; Operation: - 30°C~+50°C

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