3000 Series GigE Area Scan Camera

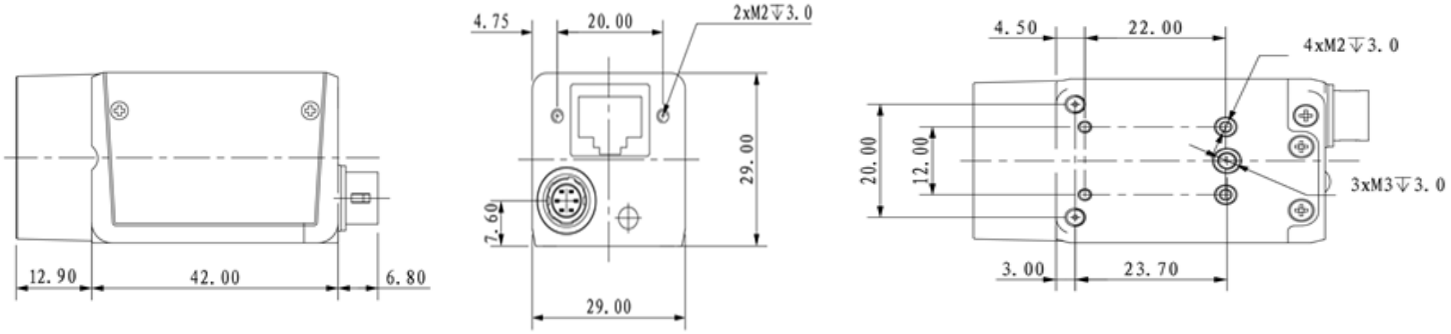
A3203CG000E

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)



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Technical Specifications

Model Name	A3203CG000E
Sensor	E2V
Sensor Type	1/1.8"CMOS
Shutter	Global
Resolution	1600 x 1200
Frame Rate	55
Bit Depth	10
Mono/Color	Color
Pixel Size	4.5 x 4.5
Pixel	2MP
S/N Ratio	>38dB
WDR	Support DOL-HDR
Image Format	Mono8/10/10Packed
Binning	Not Support
White Balance	Support
ROI	Support
Gain	1~32
Gamma	From 0 ~ 4, support LUT
Exposure Time	16μS~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≈3.3W
Product Dimensions	29mm*29mm*42mm(not including lens mount and rear case connector)
Weight	88g
Working Environment	Storage：- 30℃~+80℃；Operation：- 30℃~+50℃

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