iRAYPLE

7000 Series GigE Area Scan Camera
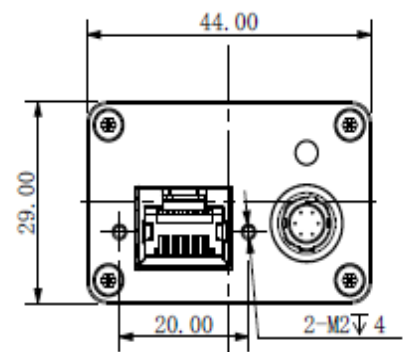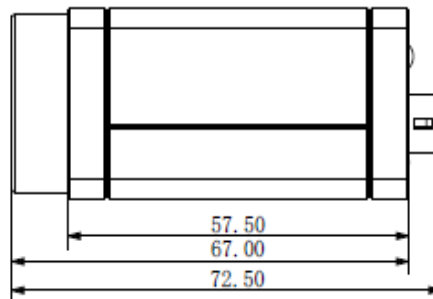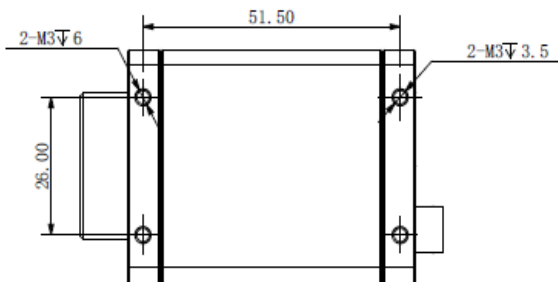
A7170CG200E

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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Model Name	A7170CG200E
Sensor	IMX432
Sensor Type	1.1''CMOS
Shutter	Global
Resolution	1604 x 1100
Frame Rate	66
Bit Depth	12
Mono/Color	Color
Pixel Size	9.0 x 9.0
Pixel	1.76MP
S/N Ratio	38dB
WDR	70dB
Image Format	Mono8,BayerRG8/10/10Packed,BayerGB8/10/10Packed，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	1μS~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≈3.2W
Product Dimensions	29mm*44mm*58mm (not including lens mount and rear case connector)
Weight	100g
Working Environment	Storage：‐30℃~+80℃；Operation：‐30℃~+50℃