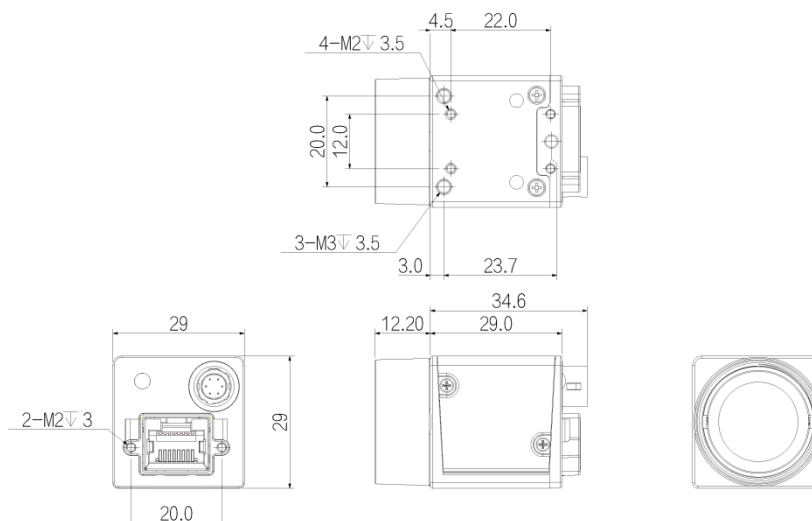# iRAYPLE

A3124MG100E

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.;

Support multiple image data formats output/ROI/Binning/Mirror, etc.;

Conform to GigE Vision V2.0 protocol and GenICam standard;

DC 9V~24V wide voltage power supply;

Dimensions（mm）

iRAYPLE

Model Name	A3124MG100E
Binning	Support
Bit Depth	12
Frame Rate	54
GPIO Interface	1x 6 pin Hirose: 1x Opto-isolated input, 1x Opto-isolated output, 1 configurable input and output
Gain	1~32
Gamma	From 0 to 4，support LUT
Image Buffer	64MB
Image Format	Mono8/10/10Packed/12/12Packed
Image Sensor	1/3"CMOS
Lens Mount	C-mount
Mono/Color	Mono
Pixel	1.2MP
Pixel Size	3.75 x 3.75
Port	GigE
Power Consumption	12V≈2.8W
Power Supply	DC 9V~24V power supply via Hirose interface
Product Dimensions	29mm*29mm*29mm
ROI	Support
Resolution	1280 x 960
S/N Ratio	40.7dB
SPC	Support
Sensor	AR0135
Shutter	Global
Trigger Mode	Software Trigger/Hardware Trigger/Free Run Mode
User Setting	Support two sets of user-defined configurations
WDR	71.1dB
Weight	60g
Working Environment	Storage: - 30℃~ 80℃ ; Operation: - 30℃~ 50℃