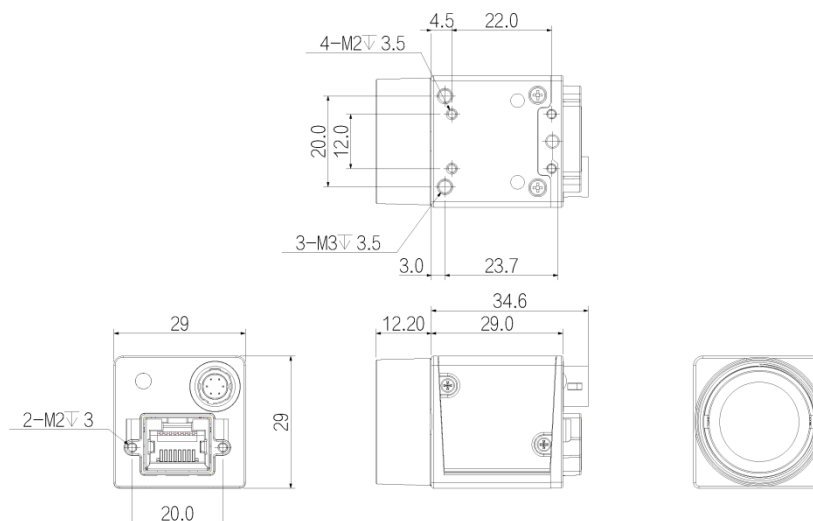# iRAYPLE

A3504CG100E

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.;

Dimensions (mm)

Zhejiang HuaRay Technology Co., Ltd   www.irayple.com/en

iRAYPLE

Model Name	A3504CG100E
Bit Depth	12
Frame Rate	23
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，BayerRG8/10/10Packed/12/12Packed，BayerGB8/10/10Packed/12/12Packed，RGB8Packed,YUV422Packed；
Image Sensor	1/2.5"CMOS
Lens Mount	C-mount
Mono/Color	Color
Pixel	5.0MP
Pixel Size	2.2 x 2.2
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	2592 x 1944
S/N Ratio	40dB
SPC	Support
Sensor	AR0521
Shutter	Rolling
Trigger Mode	Software Trigger/Hardware Trigger/Free Run Mode
User Setting	Support two sets of user-defined configurations
WDR	74.3dB
Weight	60g
White Balance	Support
Working Environment	Storage: - 30℃~ 80℃；Operation: - 30℃~ 50℃