iRAYPLE

Board-level Industrial Cameras
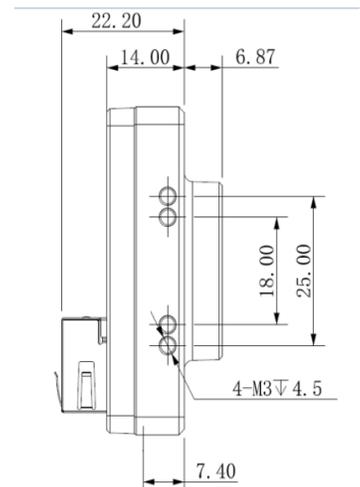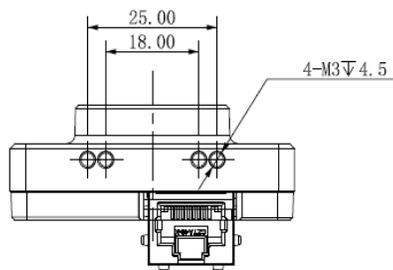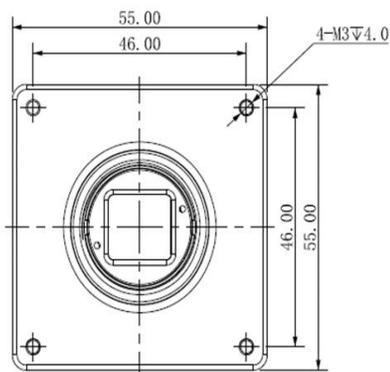
AB3051MG020E

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;
· 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;
· Conform to CE, FCC, RoHS;

Dimensions (mm)

IRAYPLE

Technical Specifications

Model Name	AB3051MG020E
Sensor	PYTHON480
Sensor Type	1/3.6"CMOS
Shutter	Global
Resolution	800 x 600
Frame Rate	120
Bit Depth	10
Mono/Color	Mono
Pixel Size	4.8 x 4.8
Pixel	0.5MP
S/N Ratio	38dB
WDR	60dB
Image Format	Mono8/10/10Packed
Binning	Support
Decimation	Support
ROI	Support
Gain	1~32
Gamma	from 0 to 4, support LUT
Exposure Time	1µS~1S
Sync Mode	Software Trigger/Hardware Trigger/Free Run Mode
User Setting	Support two sets of user-defined configurations
Cache	128MB
Port	GigE
GPIO	8-pin 1.25 spacing row plug interface, 1x Opto-isolated input, 1x Opto-isolated output, 1x GPIO input
Lens Mount	CS
Power Supply	DC 9V~24V power supply via 8-pin 1.25 spacing row plug interface
Power Consumption	12V≈2.8W
Dimensions	55mm*55mm*14mm
Weight	60g
Working Environment	Storage: - 30℃~+80℃；Operation: - 30℃~+50℃