iRAYPLE

Board-level Industrial Cameras
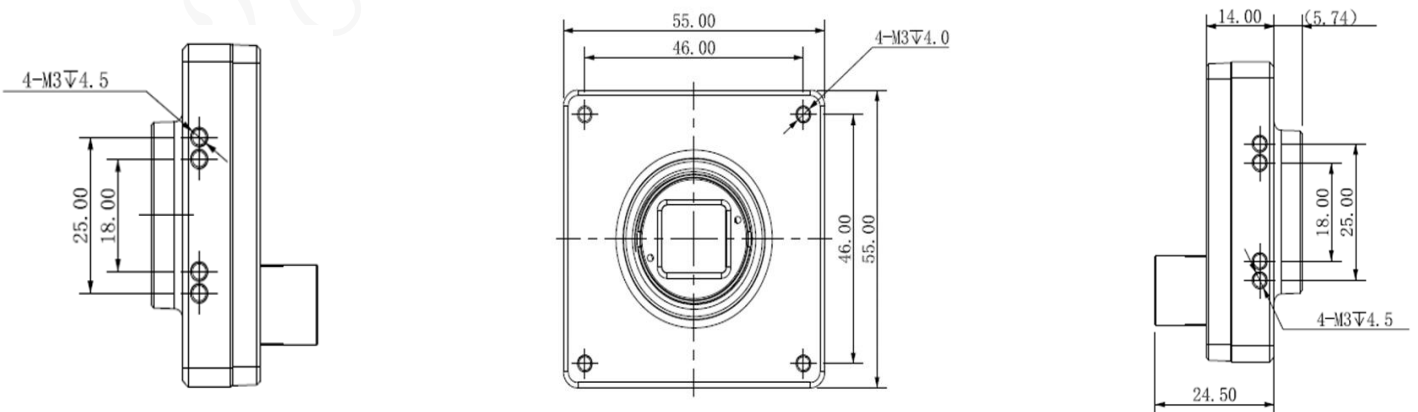
AB3A04MG10E

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	AB3A04MG10E
Sensor	MT9J003
Sensor Type	1/2.3"CMOS
Shutter	Rolling
Resolution	3840 x 2748
Frame Rate	10
Bit Depth	12
Mono/Color	Mono
Pixel Size	1.67 x 1.67
Pixel	10.6MP
S/N Ratio	38dB
WDR	65dB
Image Format	Mono8/10/10Packed/12/12Packed
Binning	Support
ROI	Support
Gain	1~32
Gamma	from 0 to 4, support LUT
Exposure Time	25µS~1S
Sync Mode	Software Trigger/Hardware Trigger/Free Run Mode
User Setting	Support two sets of user-defined configurations
Cache	64MB
Port	GigE
GPIO	1x Opto-isolated input, 1x Opto-isolated output, 1 configurable input and output
Lens Mount	C-mount
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℃