

# Board-level Series

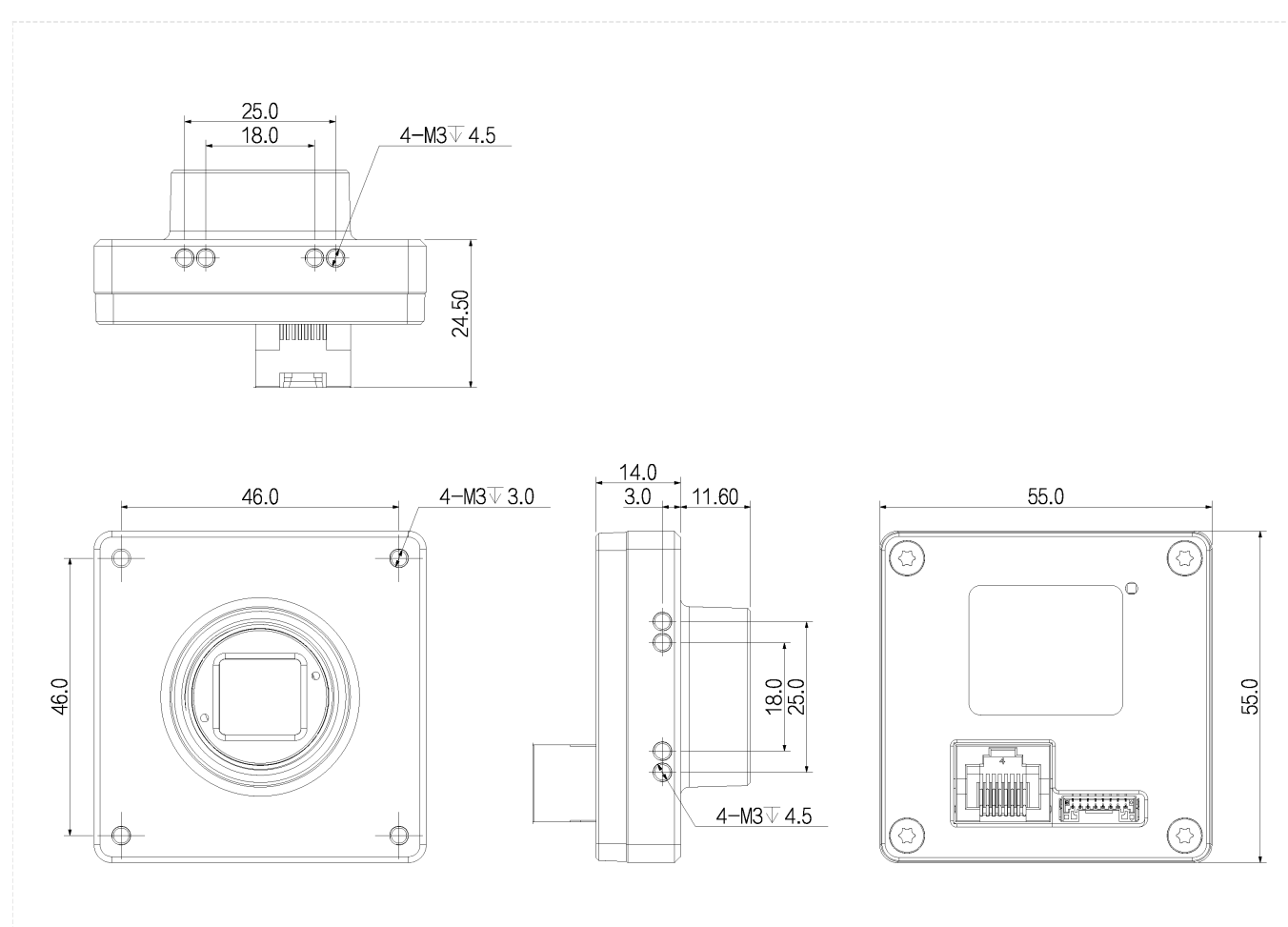
## AB3600MG000E



### Features

- GigE interface up to max. 100m transmission
- 256MB on-board frame buffer
- Support multiple image data formats
- Software trigger/Hardware trigger/Free run mode
- Compatible with GigE Vision V2.0 protocol and GenICam standard

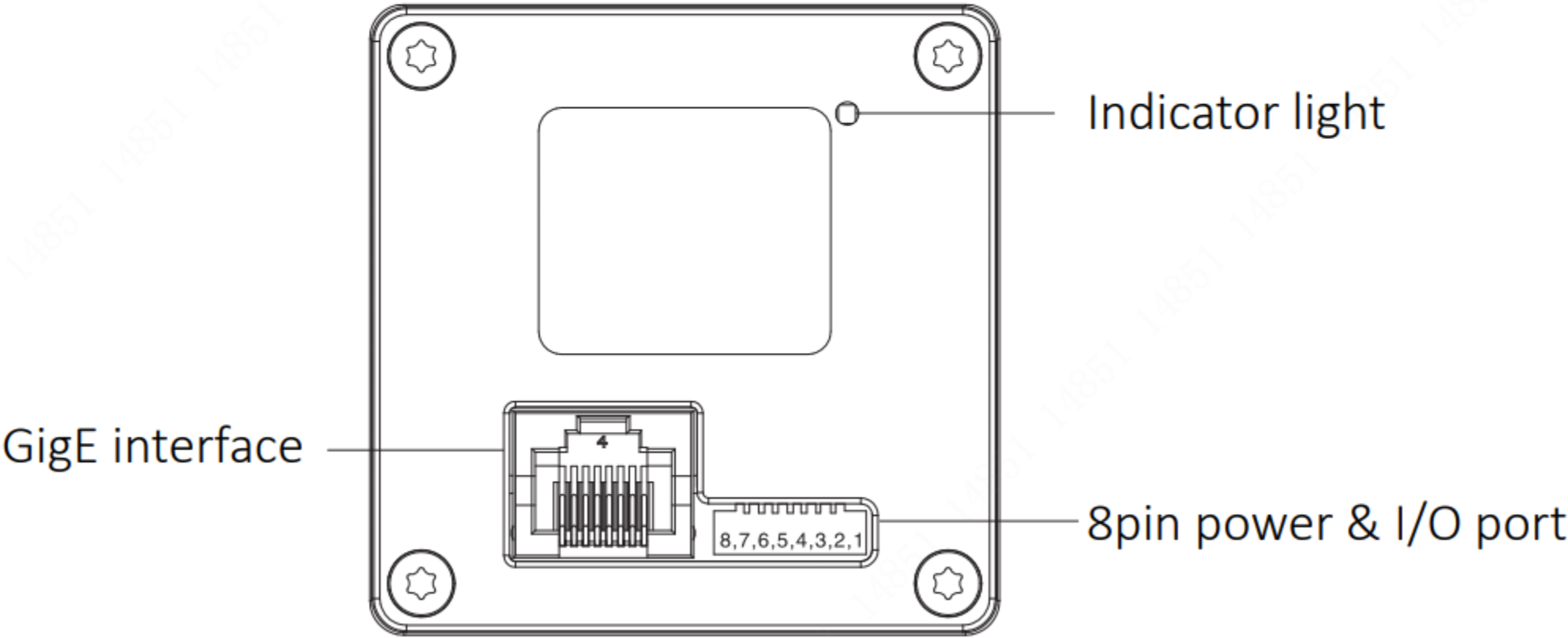
### Dimensions (mm)



Specification

Model		AB3600MG000E
Basic	Sensor	IMX178
	Image Sensor	1/1.8"CMOS
	Shutter	Rolling
	Resolution	3072 × 2048
	Frame Rate	18 fps
	Bit Depth	10
	Mono/Color	Mono
	Pixel Size	2.4 μm × 2.4 μm
Image	Pixel	6 MP
	S/N Ratio	> 38 dB
	Dynamic Range	60 dB
	Image Format	Mono8/10/10Packed/12/12Packed
	Binning	Support
	ROI	Support
	X Flip	Support
	Y Flip	Support
	Gain	1~32
	Gamma	From 0 to 4 , support LUT
	Exposure Time	25μ s~1 s
	Trigger Mode	Software Trigger/Hardware Trigger/Free Run Mode
	SPC	Support
Performance	User Setting	Support two sets of user-defined configurations
	Image Buffer	256 MB
Port	Port	GigE
	GPIO Interface	1 × Opto-isolated input, 1 × Opto-isolated output, 1 configurable input and output
	Lens Mount	C-mount
Power	Power Supply	DC power supply by 8 pin Socket connector, with voltage range from 9V to 24V
	Power Consumption	12V≈3.4W
Structure	Product Dimensions	55 mm × 55 mm × 14 mm(not including lens mount and rear case connector)
	Net Weight	60 g
Environment	Storage Temperature	- 30℃~+80℃
	Operating Temperature	- 30℃~+50℃

Connector Pin-out



Pin	Signal
1	Power
2	GND
3	Line
4	Line
5	Line
6	IO GND
7	-
8	-

Spectrogram

