SGigE-E3-S1MC

0.3MP GigE CAMERA

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GENERAL DESCRIPTION

The camera module adopts the SONY CMOS IMX287 image sensor, which features industrial-grade performance and is equipped with a C-Mount interface, enabling the connection of various lenses.



KEY PARAMETERS

Sensor	Sony 0.3MP IMX287 Mono
Image Size	1/2.9 inch CMOS
Shutter Mode	Global shutter
Output Pixels	720H*540V
Pixel Size	6.9um*6.9um
Frame Rate	299fps
Output Data	12bit
Region of Interest Mode	ROI
Camera Interface	Giga Ethernet
Transmission Rate	1000Mbit/s
Gain	0~48db
Shutter Time	6~10000000us
Trigger Mode	External trigger
Lens Mount	C-mount
Power Supply	DC12V±3V
Operating temp. range	0℃~+50℃
Storage temp. range	-20℃~80℃
Dimensions	W: 29mm, L:29mm, H:56.1mm
Weight	<55g

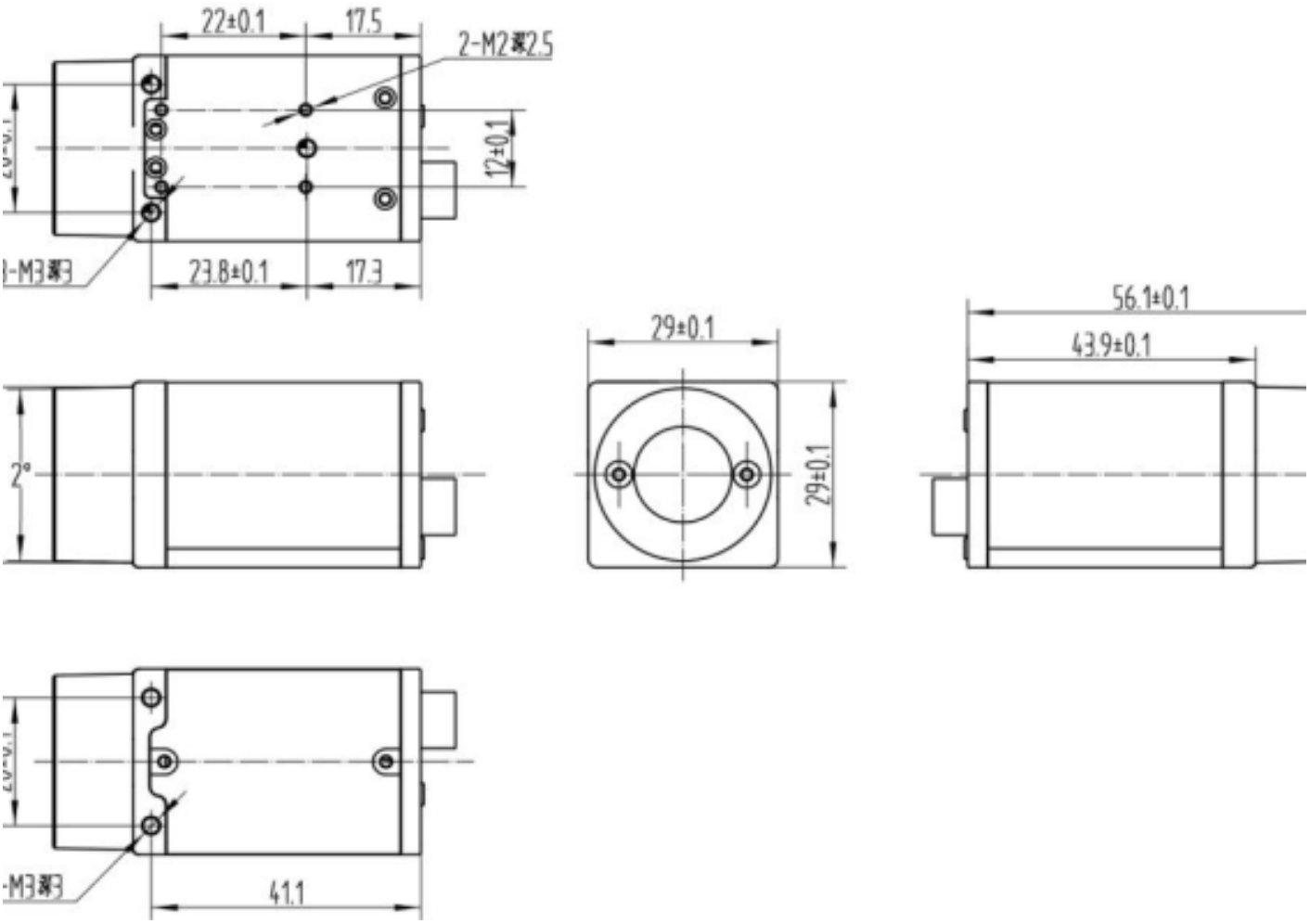
Features

- High-speed output, maximum 120MB/s
- High sensitivity
- Wide dynamic range, low noise
- High stability
- Supports LABVIEW and HALCON visual development software
- External trigger/Software trigger
- Maximum cable length supported is 100m (can be infinitely extended on the broadcasting equipment)
- Can use standard NIC card
- Can use via Ethernet cable

Application

- Printed matter inspection
- Food processing inspection
- Fluid monitoring
- Wood and metal product inspection

DIMENSIONS



Note:

This icon indicates the imaging direction is positive.

ACCESSORIES

Accessory List			
Serial Number	Product Model	Quantity	Remarks
1	RJ45 - 5-meter Ordinary Sun Cable	1	Standard configuration
2	DC12V - 1A Power Adapter	1	Standard configuration
3	12-core M8 3M Camera Trigger Cable	1	Standard configuration



Revision History

Version	Description	Release date
Rev1	First Release	Oct.2025

Contact Us

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