

oToBrite



Automotive Camera



oToCAM271ISP-N120M (IMX728)

Overview

The oToCAM271ISP-N120M is an automotive-grade camera designed for applications in autonomous driving and CMS (Camera Monitoring System). It uses a high-sensitivity CMOS sensor to deliver excellent image quality, meeting the visual detection requirements of the system product.



oToCAM271ISP-N120M

Specifications

• General Specifications

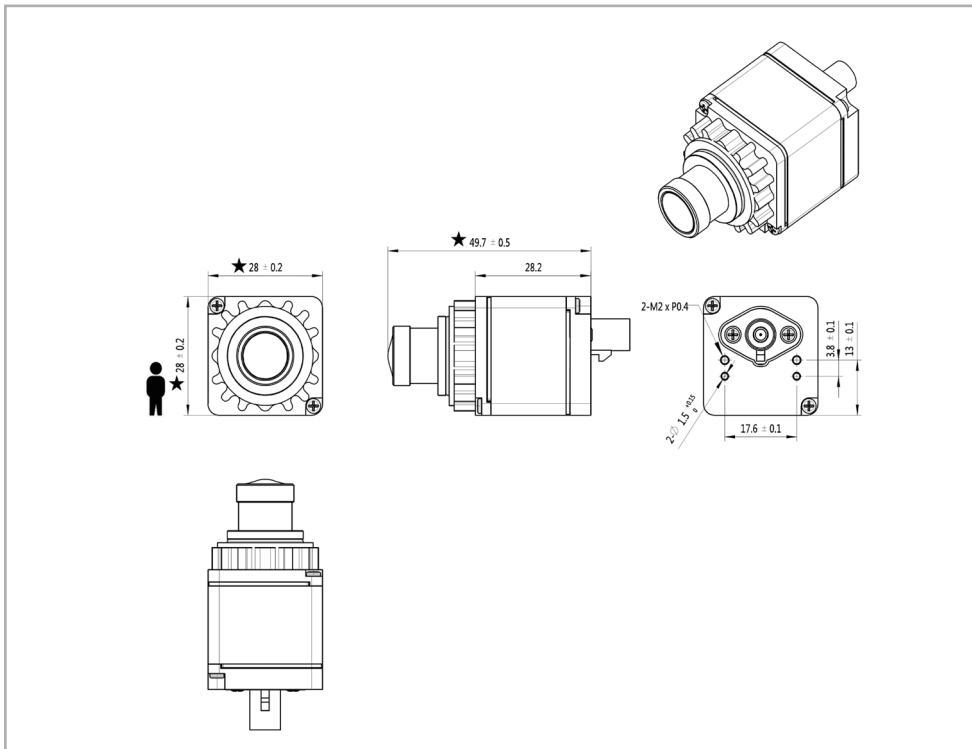
Item	Specifications
Image sensor	CMOS (Sony IMX728)
HDR	Supported
LFM	Supported
Optical Format	1/1.72
Pixel Size	2.1um x 2.1um
ISP	Yes
ISP chip	GW5300
Camera number of pixels	8M (3856(H) x 2176(V))
Color Filter Array	RGGB
Output Interface	GMSL2™ with POC
Output Formats	12-bit raw data (default setting)
S/N ratio	46.3 dB
Power Source (POC)/Typical	DC6V-12V/12V
Startup Time Of Power In	Within 200ms
Frame Rate	30 fps (default setting)
Serializer	MAX9295a
Camera Current Consumption	≤ 150mA @12V/25°C
Connector	Amphenol SMB1251Y3-002-TT5GP-50
Operating Temperature	-40°C ~ +85°C
Storage Temperature Range	-40°C ~ +95°C
Dust/Waterproof	IP67/IP69K

- Product Specifications (by models)

Item	oToCAM271ISP-N120M
View Angle(H)	120°
Lens F No.	F1.6
IR Cut Edge	650nm
DOF/Object Distance	3.9M~inf.@inf
Resolution	TBD
Dimensions	28*28*49.7mm(exclude Fakra connector)
Weight	44.1g

Outline Drawing

- oToCAM271ISP-N120M Mechanical Dimensions



driving easier and safer



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