

oToBrite



Automotive Camera

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oToCAM276ISP-M Series (AR0823)

Overview

The oToCAM276ISP-N30M / oToCAM276ISP-N120M is an automotive grade camera for the application of autonomous driving system. It uses high sensitive CMOS sensor to perform good image quality for the detection purpose of the system product.



oToCAM276ISP-N30M



oToCAM276ISP-N120M

Specifications

• General Specifications

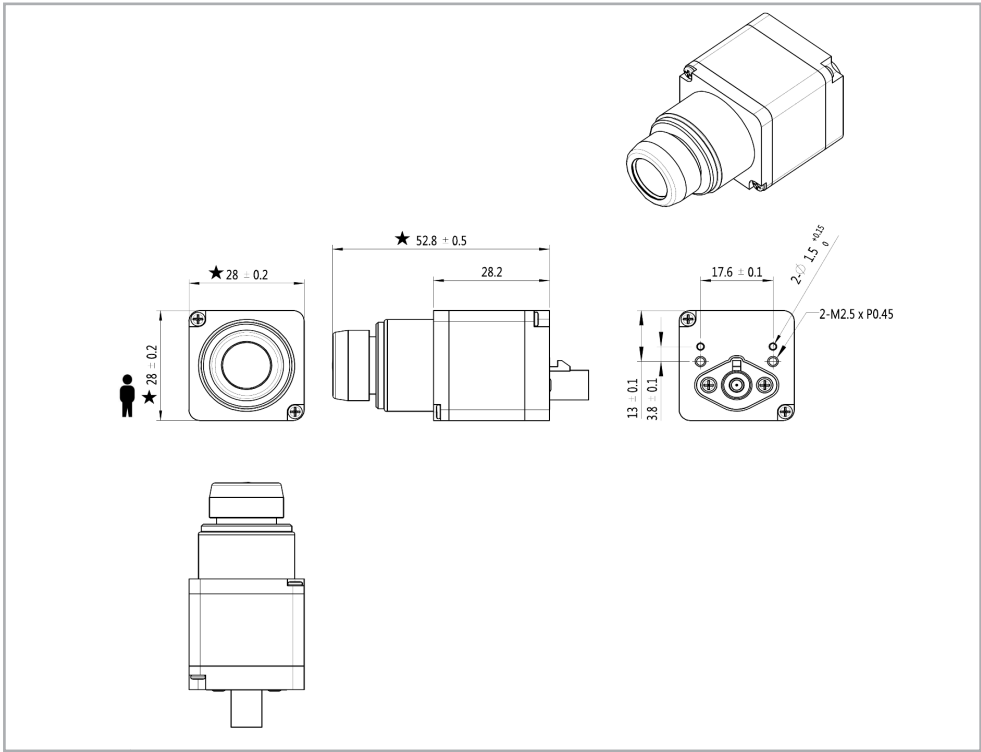
Item	Specifications
Image sensor	CMOS (AR0823)
HDR	Supported
LFM	Supported
Optical Format	1/1.8 inch
Pixel Size	2.1um x 2.1um
ISP chip	IND88000
Camera number of pixels	8M (3840(H) x 2160(V))
Resolution	3840 x 2160
Color filter array	Bayer (GRBG)
Output Interface	GMSL2 with POC
Output Formats	Fine Tuned YCbCr422 8bit data
S/N ratio	58 dB
Power source (POC)/Typical	9V~17V
Startup time of power in	TBD
Frame rate	25 fps (for Applied Intuition)
Serializer	MAX9295A
Camera Current Consumption	TBD
Operating Temperature	-40°C ~ +85°C
Storage temperature Range	-40°C ~ +95°C
Waterproof	IP69K

● Product Specifications (by models)

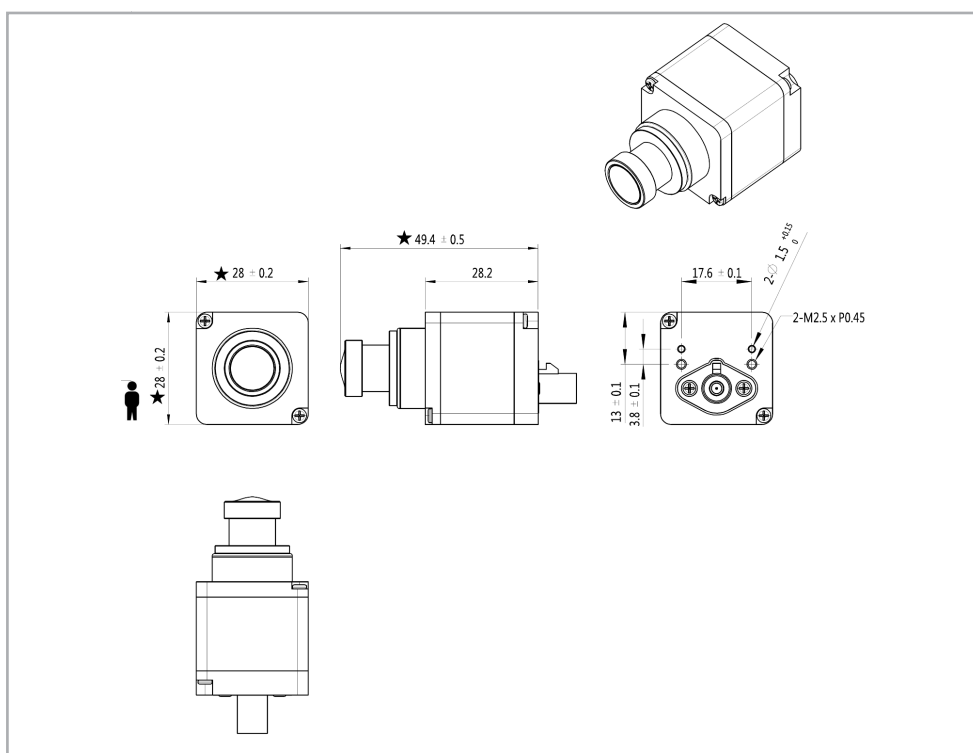
Item	oToCAM276ISP-N30M	oToCAM276ISP-N120M
View angle (H)	30°	120°
Lens F No.	1.65	1.6
IR cut edge	660nm	650nm
DOF/Object Distance	34M~Inf.	4M~Inf.
Dimensions	28 x 28 x 52.8 mm	28 x 28 x 49.4 mm
Weight	63.78 g	55.13 g

Outline Drawing

● oToCAM276ISP-N30M Mechanical Dimensions



- oToCAM276ISP-N120M Mechanical Dimensions



driving easier and safer



9F-2, No. 8, Keyan Rd., East Dist., Science-Based Industrial Park,
Hsinchu, Taiwan (R.O.C.)

|| +886-(0)3-666-7968

|| sales@otobrite.com

|| www.otobrite.com