

oToBrite



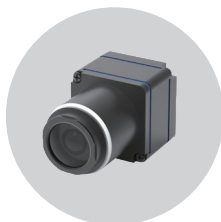
Automotive Camera



oToCAM260 / oToCAM260-N92M /
oToCAM261/ oToCAM262 (IMX490)

Overview

The oToCAM260/ oToCAM260-N92M/ oToCAM261/ oToCAM262, offers reliable automotive-grade cameras designed for autonomous driving applications. These cameras use high-sensitivity CMOS sensors to provide solid image quality, effectively meeting the visual detection needs of system products.



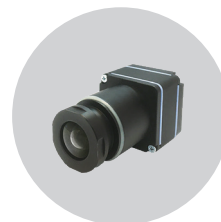
oToCAM260



oToCAM260-N92M



oToCAM261



oToCAM262

Specifications

• General Specifications

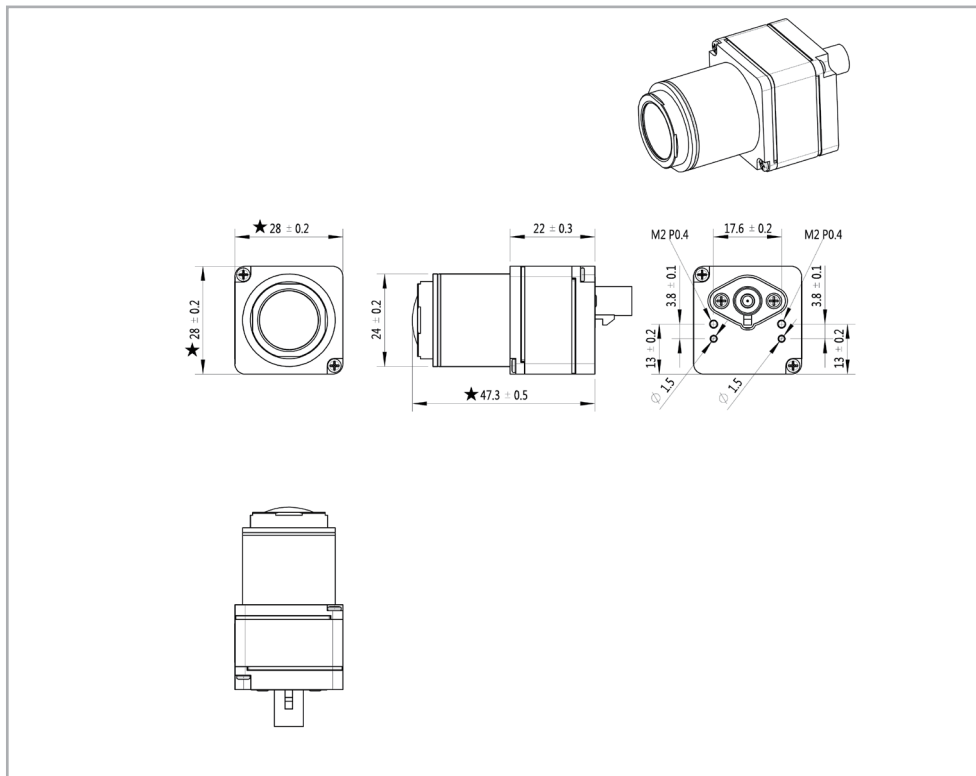
Item	Specifications
Image sensor	CMOS (Sony IMX490)
HDR	Supported
LFM	Supported
Optical format	1/1.55"
Pixel size	3.0 μ m (H) \times 3.0 μ m (V)
ISP	None
Camera output pixel number	5.4M (2896 (H) \times 1876 (V))(default setting)
Color filter array	RGGB
Output interface	GMSL2 with POC
Output formats	12-bit raw data (default setting)
S/N ratio	52.10 dB
Power source (POC)/ Typical	DC 6~17V/ 6V
Startup time of power in	Within 200ms
Frame rate	30 fps (default setting)
Serializer	MAX9295
Camera current consumption	< 150mA @12V
Connector	Amphenol SMB1251Y3-002-TT5GP-50
Operating temperature	-40°C ~ +85°C
Storage temperature	-40°C ~ +95°C
Dust/ Waterproof	IP67/ IP69K

• Product Specifications (by models)

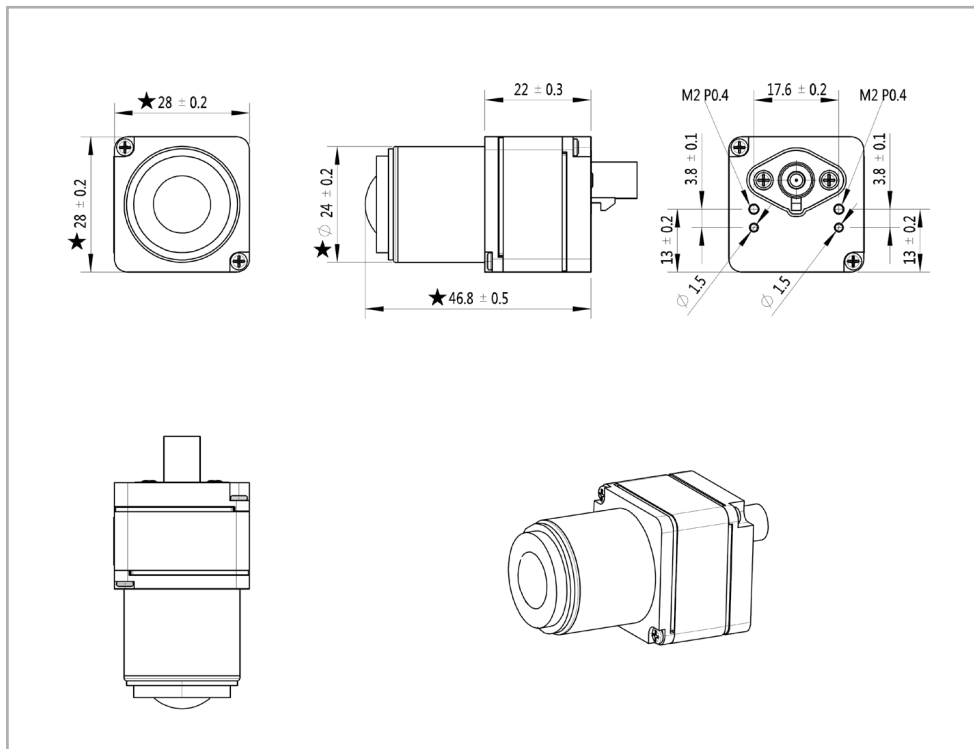
Item	oToCAM260	oToCAM260-N92M	oToCAM261	oToCAM262
View angle (H)	30°	92°	120°	62.5°
Lens F No.	F1.6	F2.2	F1.6	F1.7
IR cut edge	650nm	650nm	650nm	650nm
DOF/ Object distance	28.0M~inf.@inf	2.2M~inf.@inf	2.1M~inf.@inf	6.1M~inf.@inf
Resolution	SFR Center $\geq 30\%$ 、 Corner $\geq 10\%$ @80lp/mm	TBD	SFR Center $\geq 30\%$ 、 Corner $\geq 10\%$ @80lp/mm	SFR Center $\geq 30\%$ 、 Corner $\geq 10\%$ @80lp/mm
Dimensions	28*28*47.3 mm	28*28*46.8 mm	28*28*52.8 mm	28*28*52.8 mm
Weight	55.3g	50.1g	54.3g	54.6g

Outline Drawing

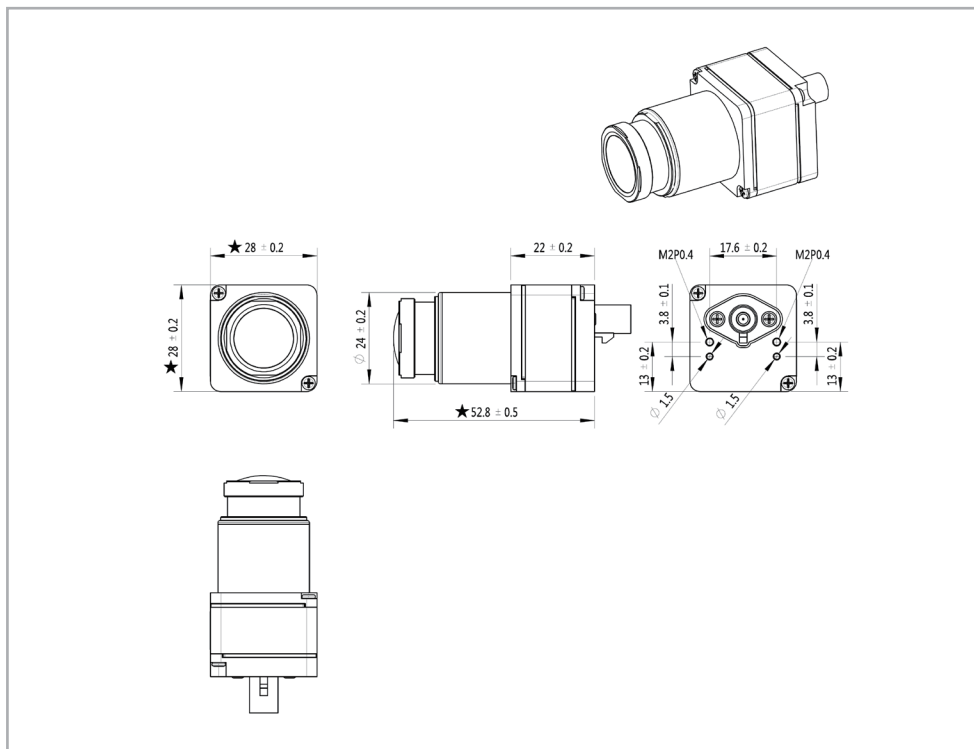
• oToCAM260 Mechanical Dimensions



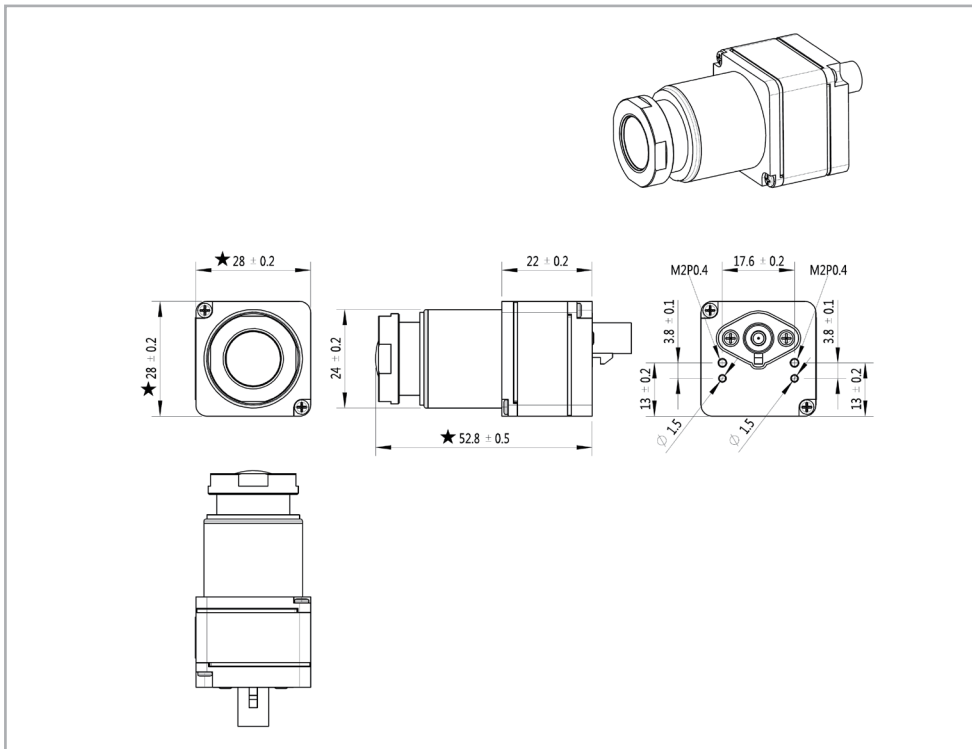
• oToCAM260-N92M Mechanical Dimensions



• oToCAM261 Mechanical Dimensions



• oToCAM262 Mechanical Dimensions



driving easier and safer



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