SDV12NCP1

Stereo Camera

www.sensing-world.com

Basic Description

The SDV12NCP1 stereo camera is a dual-camera module developed for embodied intelligence applications, using two Global Shutter image sensors and a GMSL2 serial interface, with a 60mm baseline and wide-angle lenses.

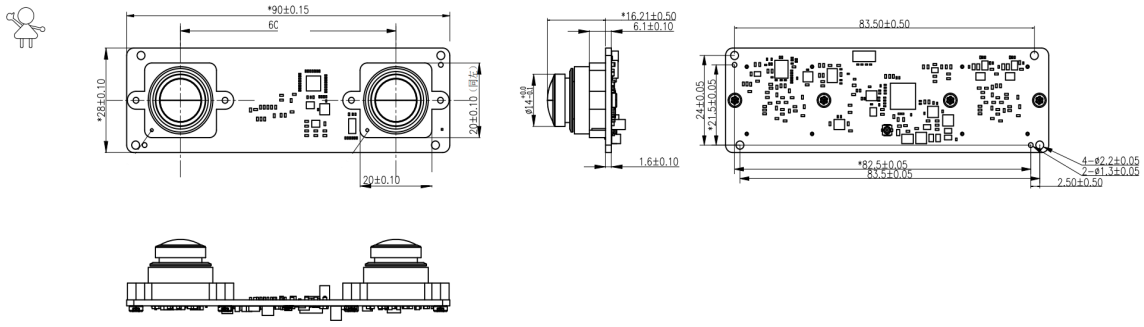
Key Parameters

QTY Of Sensor	2
Sensor Type	OG02B10
Resolution	1600 (H) × 1300 (V) *2
Frame Rate	1600*1300 @30FPS
Shutter	Global shutter
Output Format	RAW 10bit
Baseline	60.00 ± 0.5 mm
Color / Mono	Color sensor
ISP	NC
Serdes	MAX9295D
IMU	TDK ICM-45686
Camera Interface	GMSL2 IPEX
Connector	BWIPX-1-001E
Operating Temp	-20~+60℃
Storage Temp	-20~ +70℃
Dimensions	W: 28mm, L:90mm, H:17.8mm
Weight	< 30g

Model and Lens

Product Model	Horizontal FOV	Vertical FOV	Aperture (F)	Focal Length	Depth of Field
SDV12NCP1	160°±3	130°±3	2.0	1.68mm	0.2m-INF

Dimensions



Remarks:

The icon indicates the forward image orientation.

Revision History

Version	Description	Date
Rev1	First release	2026.10