SDS11NCL1

Stereo Camera

www.sensing-world.com

Basic Description

The SDS11NCL1 stereo camera is a dual-camera module developed for embodied intelligence applications, using two Rolling Shutter image sensors and a GMSL2 serial interface, with a 60mm baseline and wide-angle lenses.

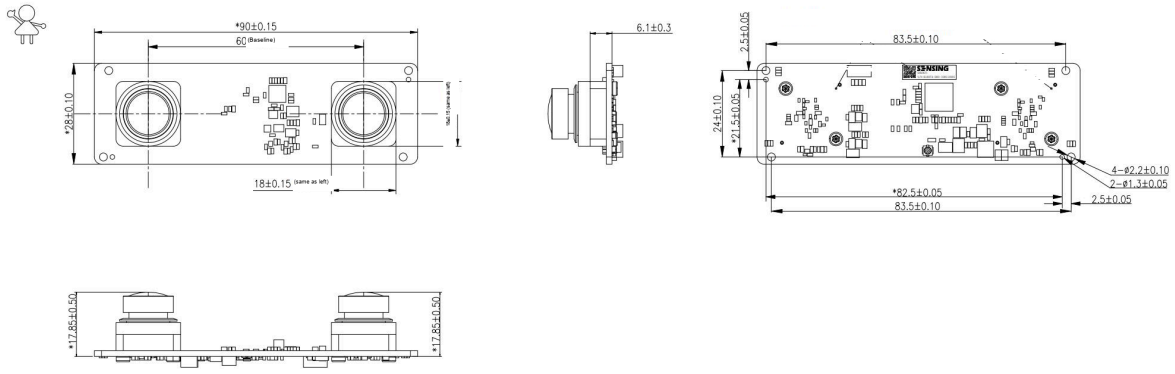
Key Parameters

QTY Of Sensor	2
Sensor Type	ISX031
Resolution	1600 (H) × 1200 (V) *2
Frame Rate	1600*1200 @30FPS
Shutter	Rolling Shutter
Output Format	YUV422 8bit
Baseline	60.00 ± 0.5 mm
Color / Mono	Color sensor
ISP	Build-in
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	Focal Length	Depth of Field
SDS11NCL1	124°±3	100°±3	2.0	1.79mm	0.2m-INF

Dimensions



Remarks:

The icon indicates the forward image orientation.

Revision History

Version	Description	Date
Rev1	First release	2026.10