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INDUSTRIAL PRODUCT DATASHEET

Orbbec Gemini 335LG 3D Camera

Orbbec Gemini 335LG 3D Camera: active stereo IR depth from 0.17m to 20m, wide FOV, multi-camera synchronization, and FAKRA-Z GMSL connectivity for AMR and drone/robotics.

SKU	UPDATED	PRICE
100010971	2026-11-11 09:22:08	$449.00(Excl. VAT)



Overview



The Orbbec Gemini 335LG 3D Camera uses active stereo IR technology to provide quality depth data output from 0.17m to 20m with a wide 90° horizontal and 65° vertical field of view. It supports multi-camera synchronization for depth and RGB images and provides GMSL connection via a FAKRA-Z cable for power and connectivity in industrial and robotics applications.

Key Features

01 **Active Stereo IR**

Employs active stereo IR technology for depth output, enabling accurate and reliable data output in various lighting conditions

02 **Wide Sensing Range**

Provides quality depth data output from 0.17m to 20m

03 **Wide FOV**

Provides wide field of view data at 90-degree horizontal and 65-degree vertical

04 **Multi-camera synchrnoization**

Supports multi-camera synchronization for both depth image and RGB image

05 **GMSL Connection**

Uses FAKRA-Zcable for power and connectivitysuitableforindustrialandroboticsapplications

Product Gallery













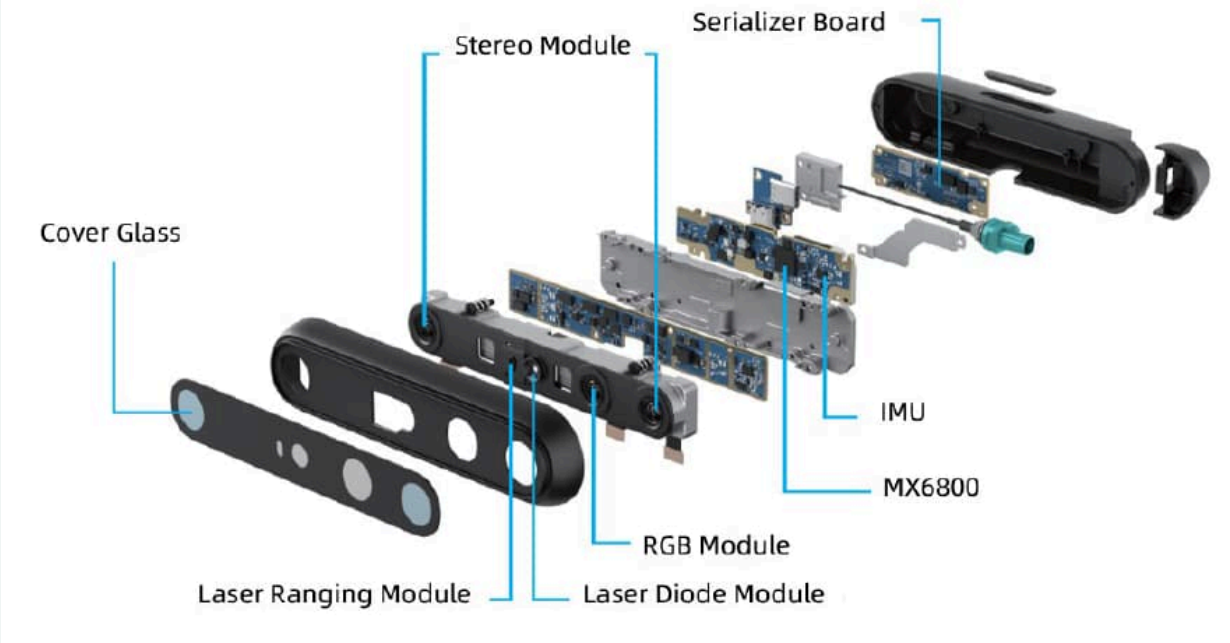


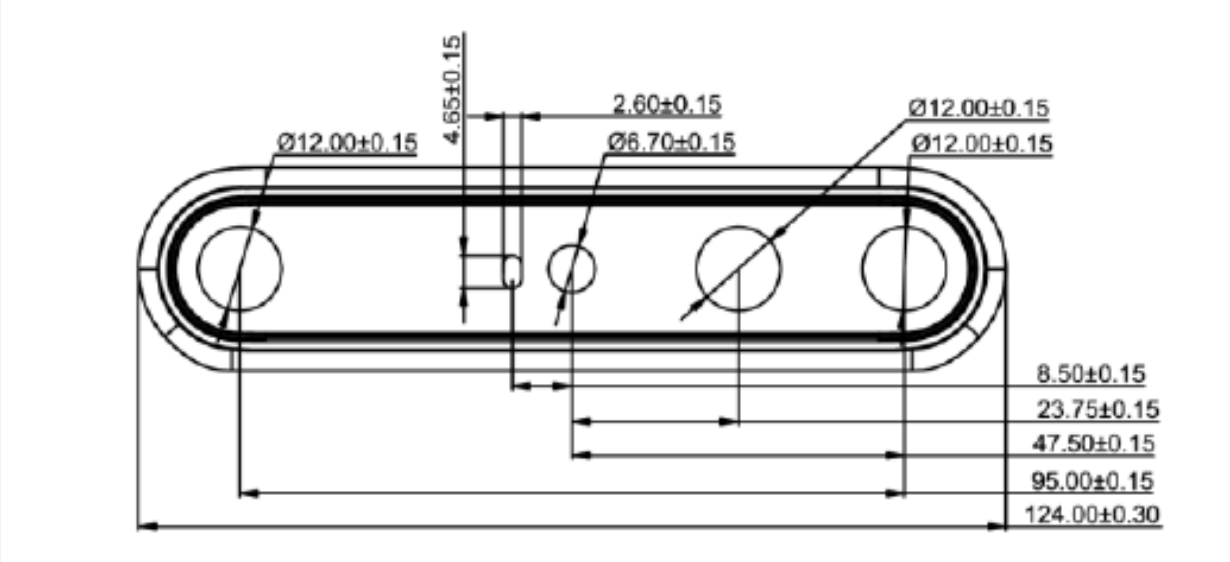

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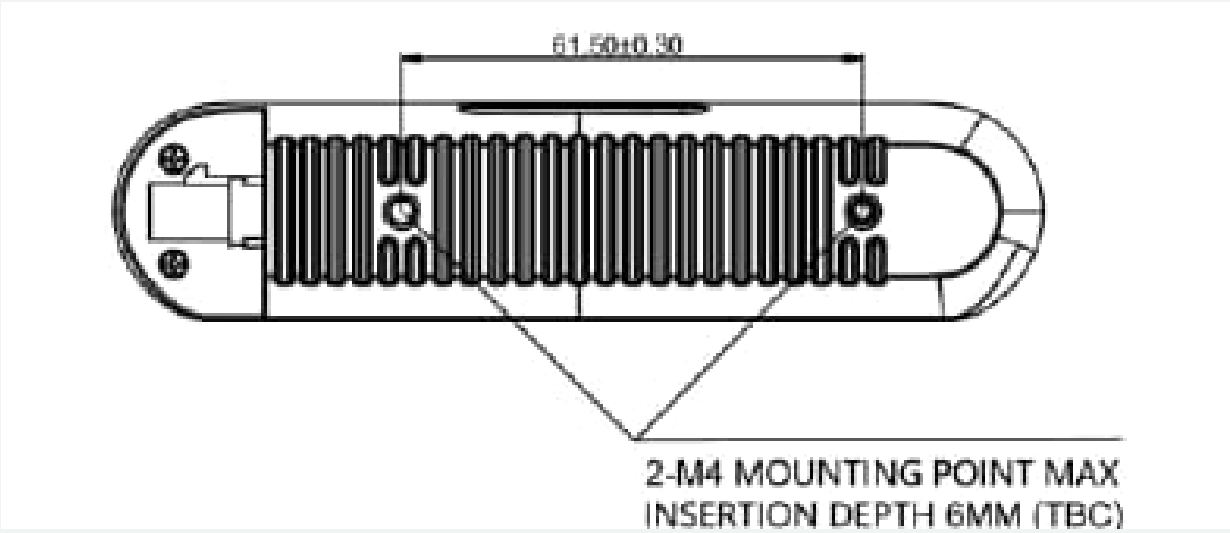

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22 mm
21 mm
17 mm

Hardware Overview







Applications

- **AMR**
- **Drone/Robotics**

Resource Links

- https://www.seeedstudio.com/Orbbec-Gemini-335LG-3D-Camera-p-6541.html
- Datasheet
- SDK

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