seeed studio

INDUSTRIAL PRODUCT DATASHEET

Sipeed MaixSense A010 with LCD screen - 3D Sensor Module Based on BL702 and TOF Camera

MaixSense-A010 is an extremely cost-effective 3D sensor module composed of BL702 + OPNOUS 100x100 TOF launched by Sipeed, which supports a maximum resolution of 100x100 and 8-bit precision, and comes with a 240x135 pixel LCD...

SKU	UPDATED	PRICE
114993027	2026-11-11 08:54:54	$29.90(Excl. VAT)



Overview



MaixSense-A010 is an extremely cost-effective 3D sensor module composed of BL702 + OPNOUS 100x100 TOF launched by Sipeed, which supports a maximum resolution of 100x100 and 8-bit precision, and comes with a 240x135 pixel LCD display to preview the depth map after colormap in real time.

Key Features

01 **Powerful chip support**

Main chip BL702 RISC-V 144MHz

02 **Combination of ToF and RGB sensors**

The use of cameras and RGB sensors provides depth vision features

03 **Depth range 0.15 -1.5 meter millimetre level accuracy**

High precision makes for high accuracy

04 **Low and customizable power consumption**

supporting lithium battery charge management

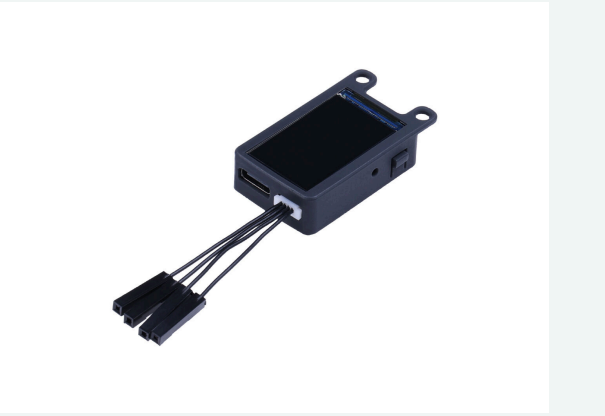
05 **Outdoor compatibility**

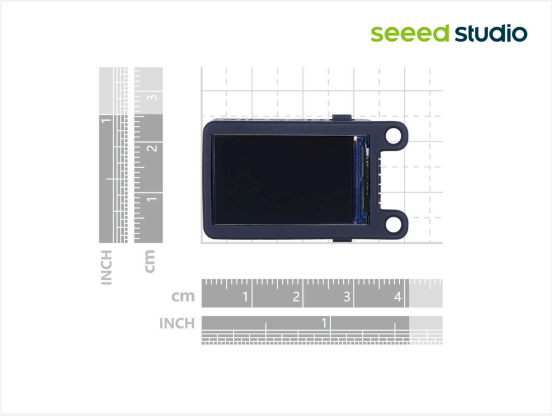
The hard shell is suitable for outdoor scenes

Product Gallery









Applications

- SLAM and robotic navigation
- Surveillance & security inspection
- People counting & tailgate detection
- VR/AR & gesture recognition
- Autopilot and AGV obstacle avoidance
- 3D modeling
- Dimensions measurement
- Liveness Detection & facial recognition

Resource Links

- https://www.seeedstudio.com/Sipeed-MaixSense-A010-p-5562.html
- MaixSenseA010 DataSheet V1.0.pdf
- Maixsense A010 size.pdf
- MaixSense_ROS - Github
- Software_pack_SDK
- comtool_windows_v3.1.0.7z

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