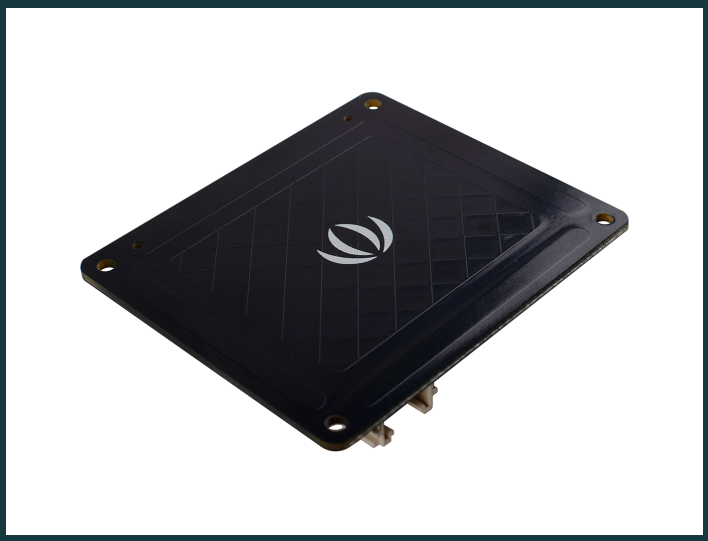
seeed studio

INDUSTRIAL PRODUCT DATASHEET

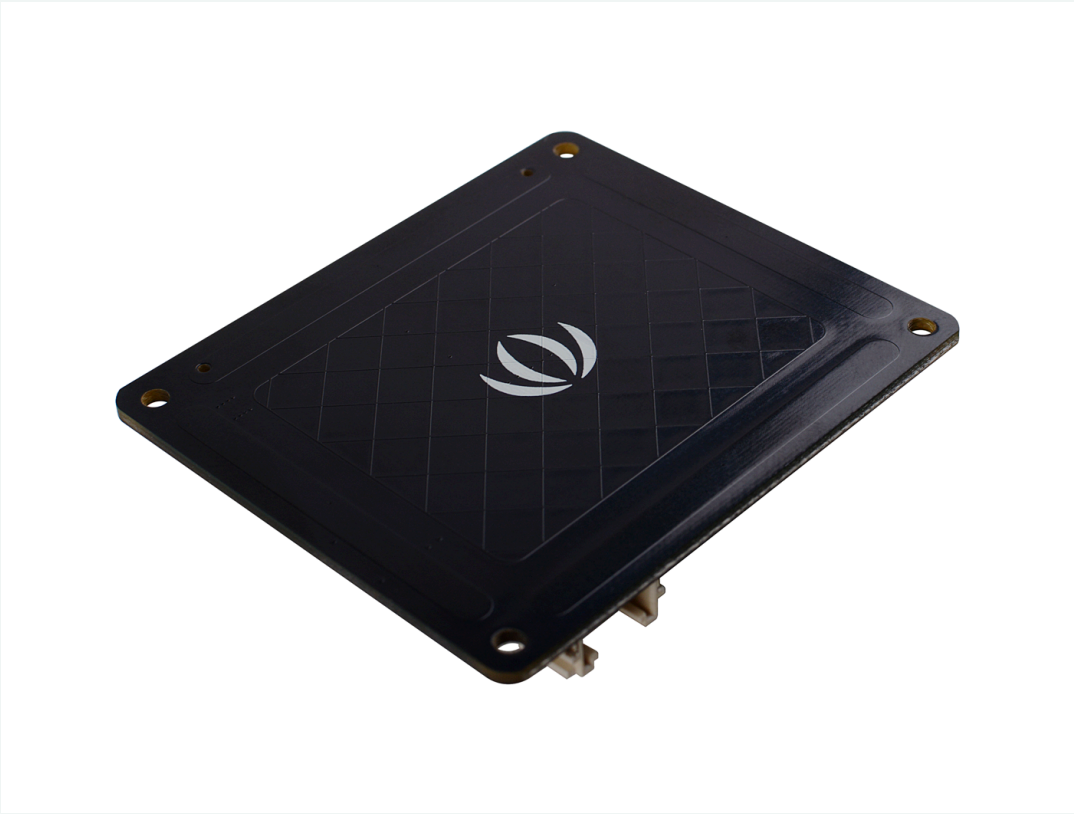
3D Gesture & Tracking Shield for Raspberry Pi (MGC3130)

This shield is based on Microchip MGC3130 chip, which enables the Raspberry Pi with 3D gesture recognition and motion tracking function.

SKU	UPDATED	PRICE
103100083	2026-11-11 08:12:33	$12.90(Excl. VAT)



Overview



This shield is based on Microchip MGC3130 chip, which enables the Raspberry Pi with 3D gesture recognition and motion tracking function.

Key Features

01 **Recognition of 3D Hand Gestures and x, y, z Positional Data**

02 **Proximity and Touch Sensing**

03 **Built-in Colibri Gesture Suite (running on chip)**

04 **Advanced 3D Signal Processing Unit**

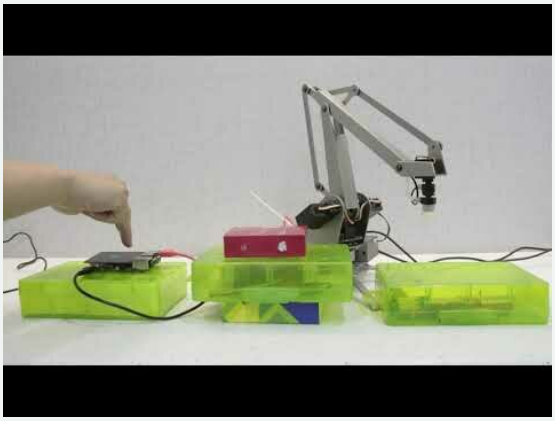
05 **Detection Range**

0 to 10 cm

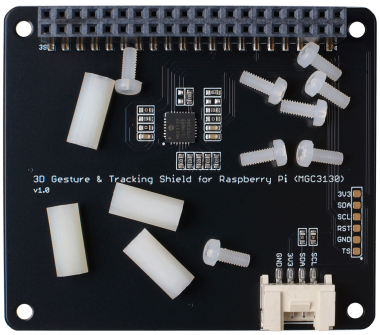
06 **On-chip Auto Calibration**

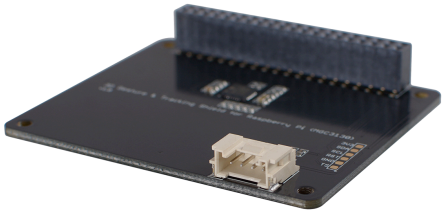
07 **Compatible with various models of Raspberry Pi 2,3,4**

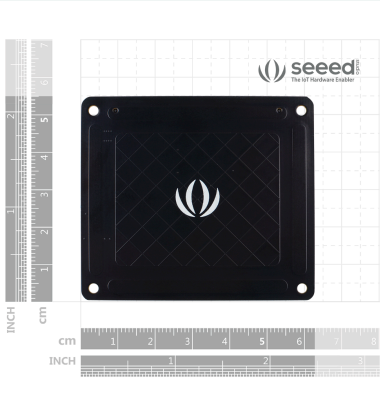
Product Gallery

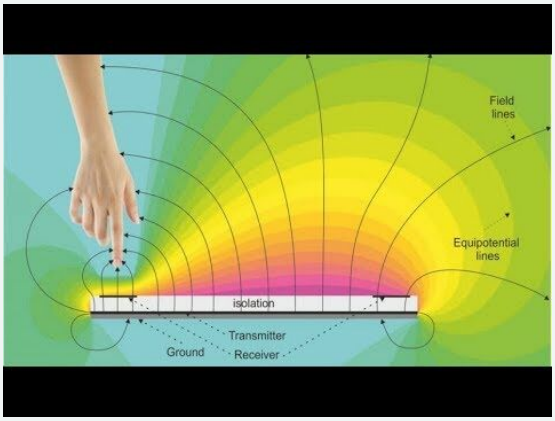












Applications

- **Notebooks/Keyboards/PC Peripherals**
- **Home Automation**
- **Game Controllers**
- **Audio Control**

Resource Links

- https://www.seeedstudio.com/3D-Gesture-Tracking-Shield-for-Raspberry-Pi-MGC3130-p-4073.html
- 3D Gesture Tracking Shield for Raspberry Pi MGC3130 Eagle Files
- MGC3030-3130 Datasheet
- Seeed_mgc3x30 Library

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