

INDUSTRIAL PRODUCT DATASHEET

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

The 3D Gesture & Tracking Shield (MGC3130) adds intuitive 3D gesture control and tracking to Raspberry Pi for use in PC peripherals, home automation, game controllers, and audio control.

SKU

103100083

UPDATED

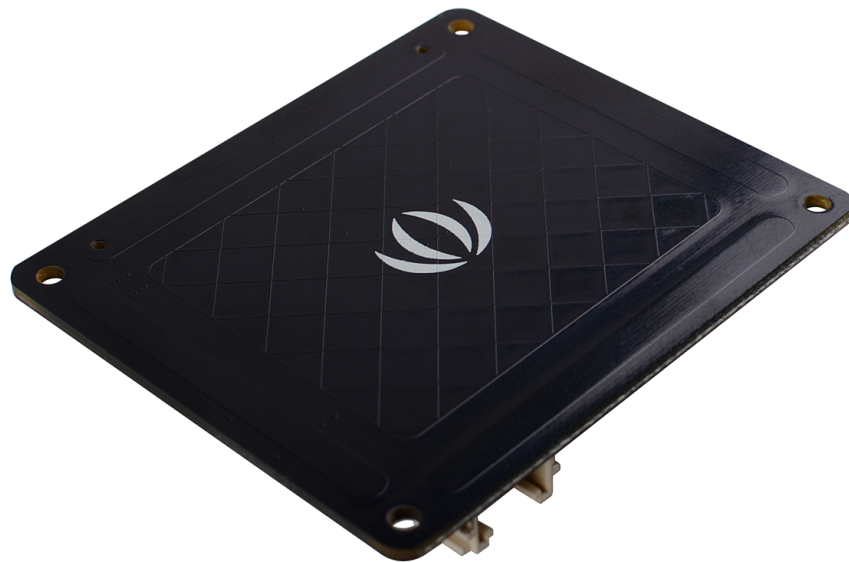
2026-04-09 12:45:50

PRICE

\$12.90(Excl. VAT)



Overview

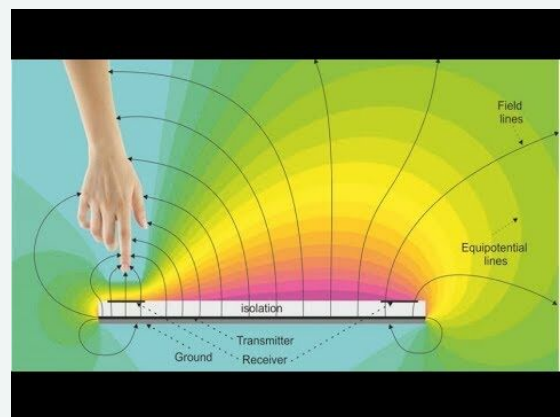
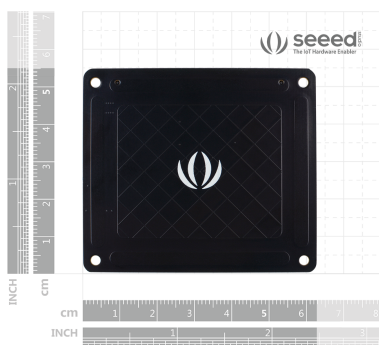
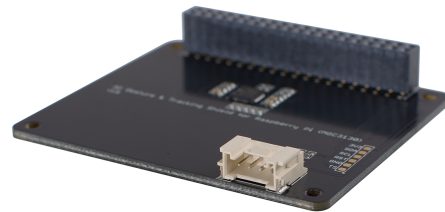
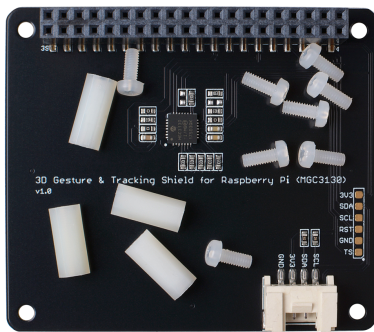
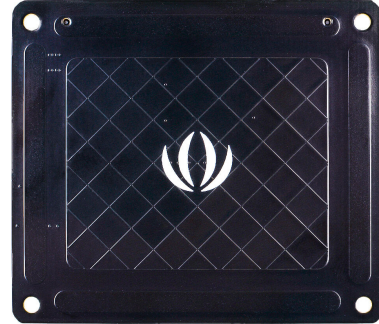
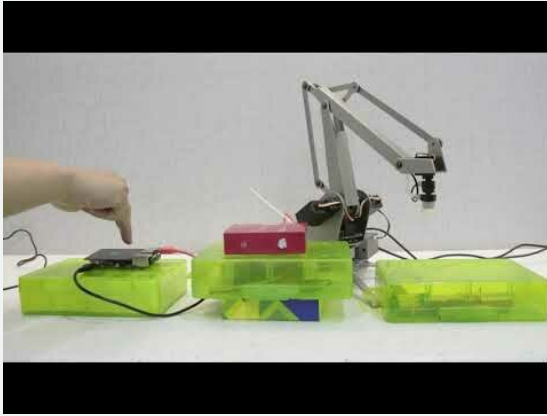


The 3D Gesture & Tracking Shield for Raspberry Pi (MGC3130) recognizes 3D hand gestures and provides x, y, z positional data with proximity and touch sensing, featuring a built-in Colibri Gesture Suite and advanced 3D signal processing unit with a detection range of 0 to 10 cm and on-chip auto calibration. It is compatible with Raspberry Pi 2, 3, and 4 and is ideal for applications such as notebooks/keyboards/PC peripherals, home automation, game controllers, and audio control.

Key Features

- Recognition of 3D Hand Gestures and x, y, z Positional Data
- Proximity and Touch Sensing
- Built-in Colibri Gesture Suite (running on chip)
- Advanced 3D Signal Processing Unit
- Detection Range: 0 to 10 cm
- On-chip Auto Calibration
- Compatible with various models of Raspberry Pi 2,3,4

Product Gallery



Applications

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

Compliance & Logistics



HSCODE	8517709000
USHSCODE	8536700000
UPC	
EUHSCODE	8517180000
COO	CHINA

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](#)

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com