

INDUSTRIAL PRODUCT DATASHEET

Grove - IR Distance Interrupter v1.2

Grove - IR Distance Interrupter v1.2: precise non-contact detection up to 40cm with adjustable sensitivity and Grove plug-and-play for versatile applications.

SKU

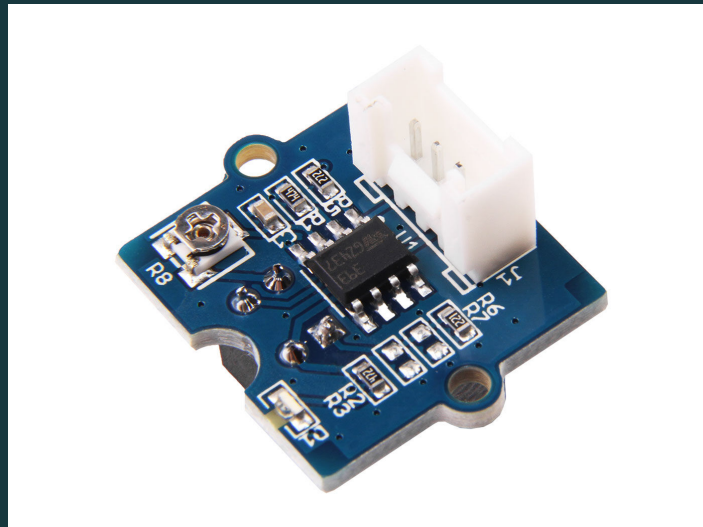
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UPDATED

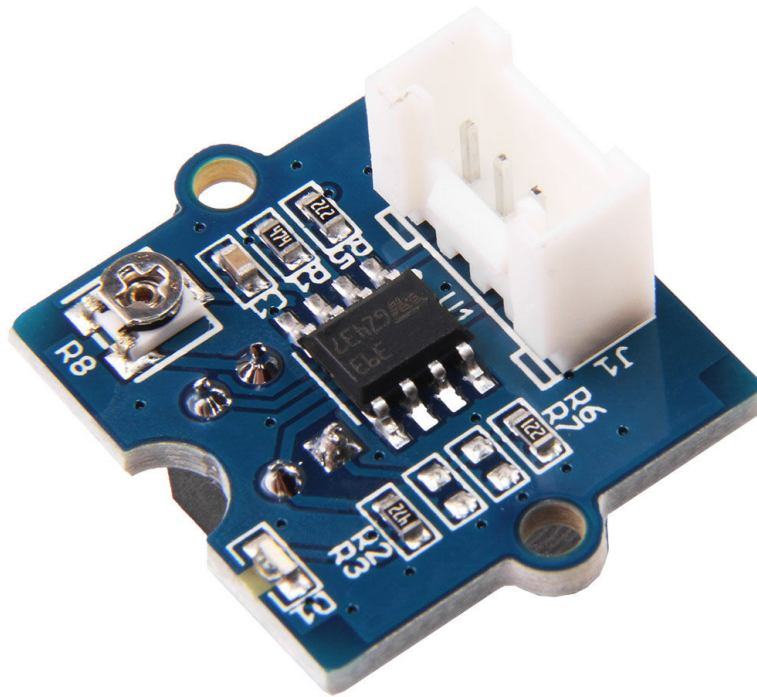
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PRICE

\$6.50(Excl. VAT)



Overview

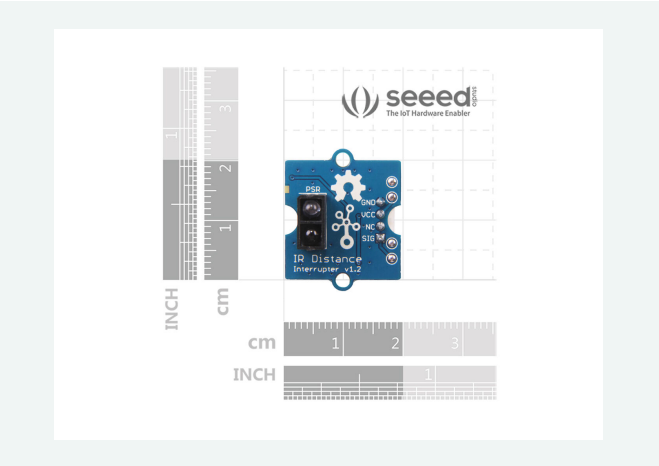
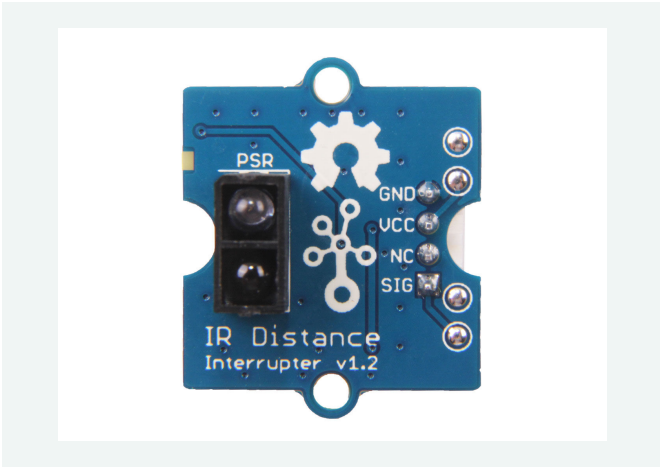
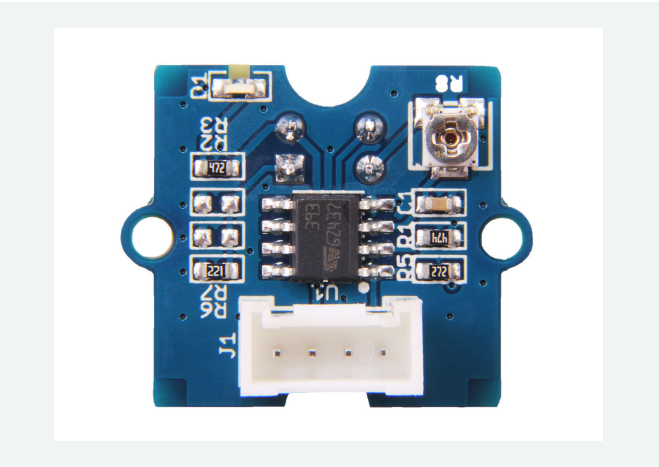


The Grove - IR Distance Interrupter v1.2 uses an ITR9909 reflective photosensor for highly sensitive and reliable detection up to 40cm, with adjustable sensitivity via a potentiometer. Its durable build and Grove unified socket enable plug-and-play integration into various non-contact switching and sensing applications, including line following robots and optical encoders.

Key Features

- **Highly sensitive and reliable:** With the support of ITR9909 reflective photosensor, when the reflected light is detected, the high level can be quickly output.
- **Longer detectable distance:** Up to 40cm, make users more comfortable to use.
- **Adjustable sensitivity for various occasions:** The sensitivity of the sensor can be changed by simply adjusting the potentiometer with a screwdriver.
- **More durable:** No fear of easy damage.
- **Grove unified socket:** The sensor ensures "Plug and Play" and could be versatile for various applications.

Product Gallery



Specification

Dimensions	130mm x90mm x12mm
Weight	2.5 g(for the module), 8.5 g(for all single package)
Battery	Exclude
Operating voltage(V)	3.3 or 5 Volts
Operating current(mA)	Maximum: 20 mA
Effective detectable distance	7.5-40 cm

Applications

- Mouse Copier
- Switch Scanner
- Floppy disk driver
- Non-contact Switching
- For Direct Board
- Line following robots
- Optical encoders
- Object counting applications

Part List

Grove - IR Distance Interrupter v1.2	1
Grove - cable	1

Compliance & Logistics



HSCODE	9031900090
USHSCODE	9031902100
UPC	841454123408
EUHSCODE	9013101000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/Grove-IR-Distance-Interrupter-v1-2.html>

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