

Tracker Sensor, robot infrared line tracking



Overview

- 5-ch ITR20001/T infrared detector, high sensitivity, anti-jamming, stable performance
- High precision analog output, combined with PID control algorithm, allows the robot tracks lines more stable

Specifications

- Power: 3.3V ~ 5V
- Dimension: 78mm × 18mm
- Detector spacing: 16mm
- Mounting holes size: 3mm
- Detection range: 1cm ~ 5cm

Applications

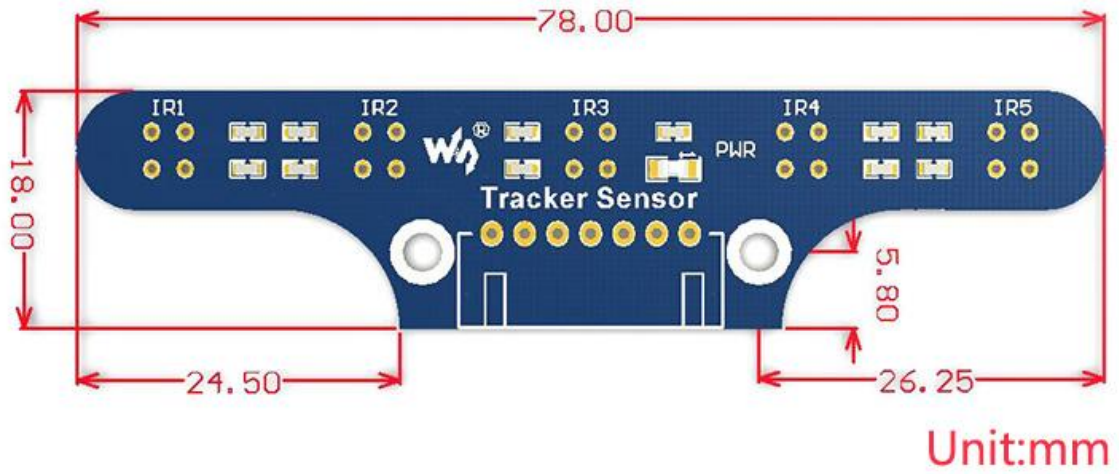
- Robot line tracking

How to Use

In the case of working with a MCU:

- VCC ↔ 3.3V ~ 5V
- GND ↔ GND
- IR1 ↔ MCU.IO (ch1, analog output)
- IR2 ↔ MCU.IO (ch2, analog output)
- IR3 ↔ MCU.IO (ch3, analog output)
- IR4 ↔ MCU.IO (ch4, analog output)
- IR5 ↔ MCU.IO (ch5, analog output)

Dimensions



Development Resources

Wiki : www.waveshare.com/wiki/Tracker_Sensor