



Gesture Sensor User Manual

Kerchan Technology Co., Ltd

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01

Introduction

Gesture Sensor is a compact and highly integrated module featuring optical array sensors, a built-in light source, and integrated LED. Designed for functionality in dark or low-light environments, the sensor includes a gesture sensor supporting four gesture types, proximity detection, and outputs for gesture interruption and results.

Operating seamlessly, the sensor activates the infrared LED to emit signals, and upon detecting objects, extracts original data. The gesture recognition array processes and transmits results to the advertising machine for data processing.

This modular and user-friendly sensor eliminates complex installations and wiring. Users can easily connect the data line for efficient communication data acquisition. With high sensitivity, accurate swing recognition, and an extended sensing distance, it suits diverse applications.

02

Appearance



Hand Gesture



03

Component

Order	Name	Main components and specification	Quantity	Unit	Remark
1	Gesture Sensor Module	Gesture Reader	1	PCS	/
3	USB	USB data communication cable	1	PCS	/

04

Specification

1. Dimension: 88*64*16mm
2. Power plug: USB;
3. Detection range: 0~20cm;
4. Detection style: RF;
5. Recognition: Up, Down, Left, Right.

05

Instruction

Connection Drawing:

RFID:

1. After power device, connect the screen with sensor. USB on screen side and Mini USB on sensor side.
2. Set up the sensor on flat place, make sure there is not cover on front side.
3. The instruction light will twinkle for each operation.

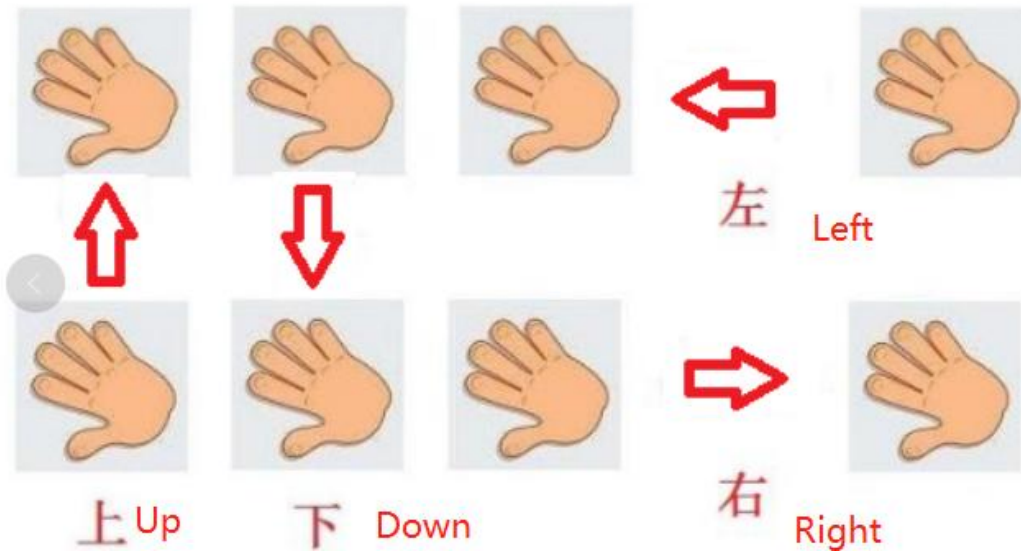


RFID application:

1. Firstly, install k-smart and media player
2. Create a folder called "0", save the video in "0".
3. Plug the USB-pen and SD-card in screen. Then the screen will auto-copy the video into internal memory; Try to switch videos and adjust volume by waving.

06

Gesture recognition instructions



07

Notice

Please unplug the sensor when below situation happened:

1. Abnormal sounds or smells from Sensor;
2. USB cable broken;
3. Sensor Broken;
4. Liquid inside;