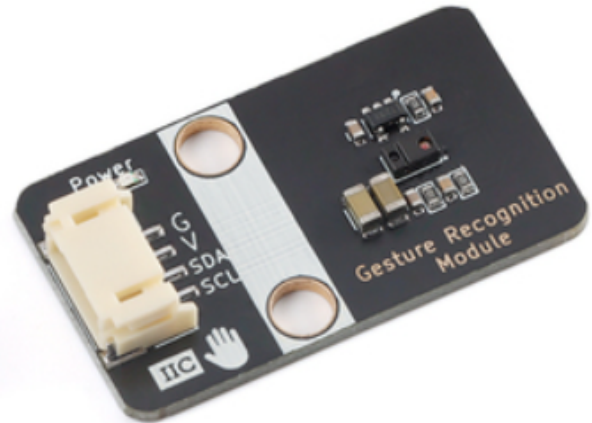


TT Gesture Recognition Module

Introduction

The gesture sensor using APDS9960 sensor module, the module consists of four photodiode arrays, can obtain gesture information (up, down, left, right) | distance information | RGB information.

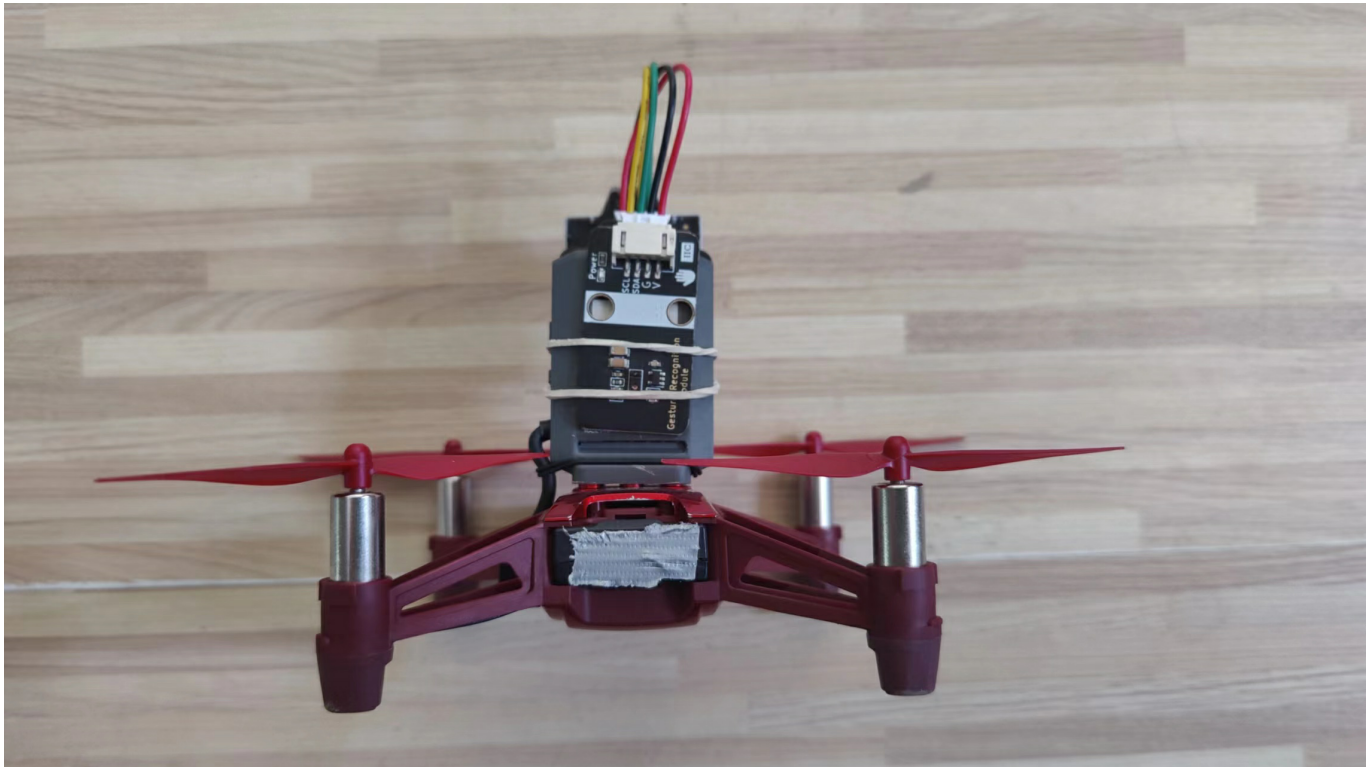
This module uses IIC protocol and PH2.0-4P interface, easy to connect.



Product specs

- Interface type: I2C
- Gesture Type: Up | Down | Left | Right
- Probe distance: $\leq 20\text{cm}$
- Color type: red | green | blue
- Color resolution: 16bit
- Operating voltage: 5V
- Interface: PH2.0-4P

Installation tutorial



Install by using the TT IO expansion board

Board

Kit

Shield

Sensor

Actuator

Communication

Display

Function

Internet

User-Ext

https://github.com/hanbozhang/TT-Mind-Diver-Extend

Note: The modules in the user library are made by Mind + enthusiasts, [Click here](#) view [development tutorial](#) and [User-Ext list](#)

Loaded:

✕

+

UMAKER

TT_Drone_Expansion_Kit

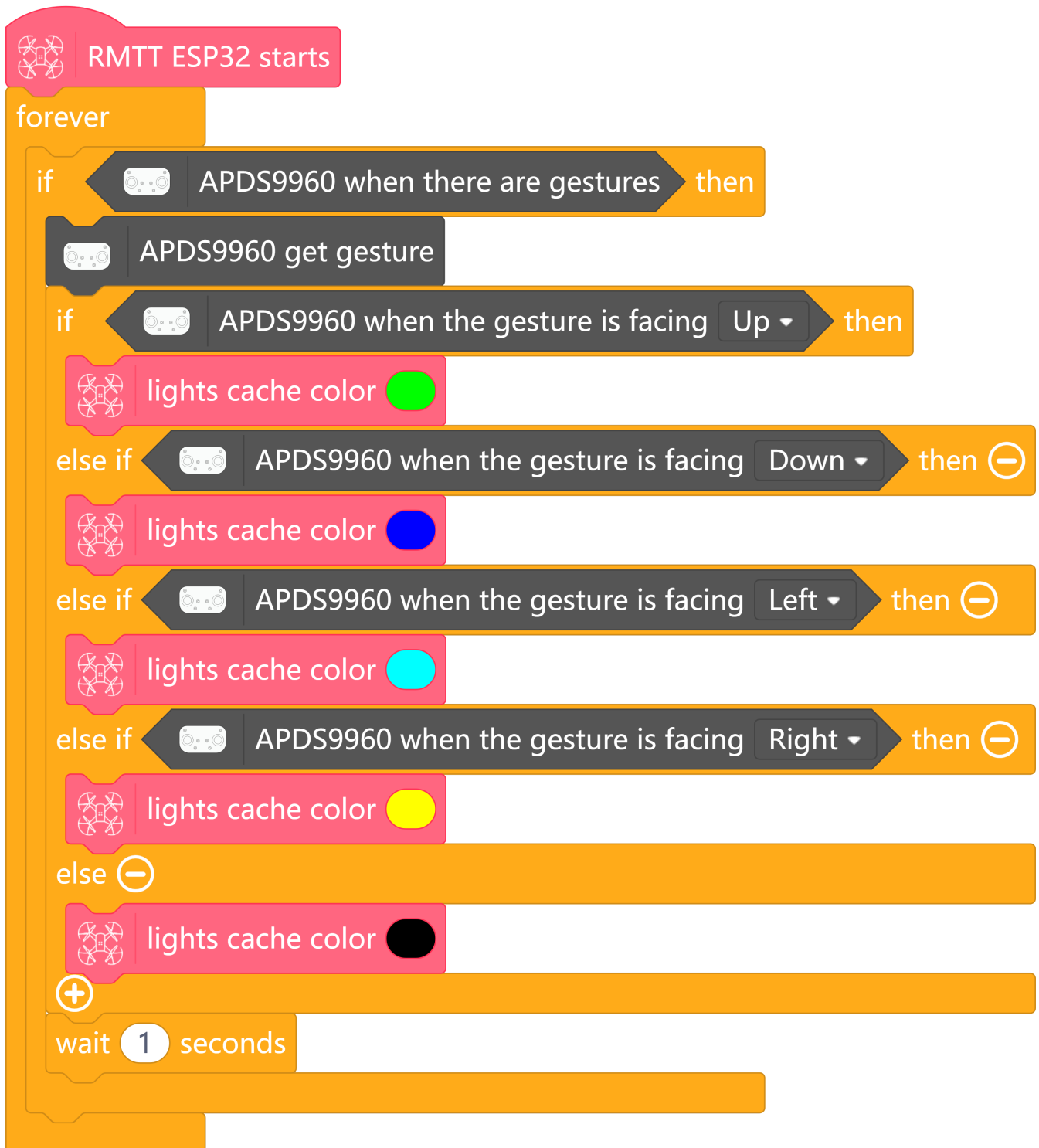
Including laser, servo, gesture, tempe...

Install the extended library <https://github.com/hanbozhang/TT-Mind-Diver-Extend>

Programming tutorial

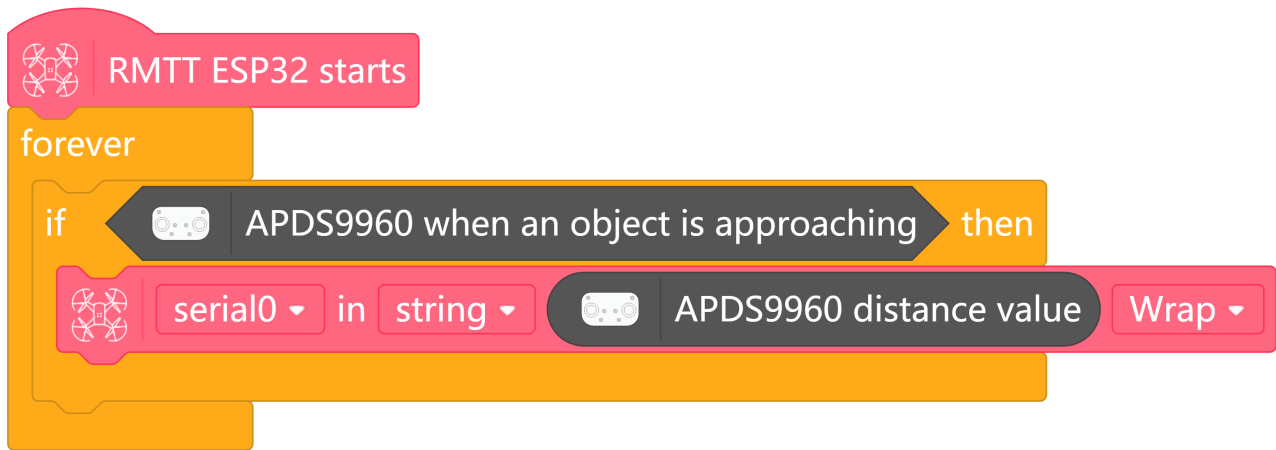
Example 1

Get different gestures to change the indicator light of TT



Example 2

Obtain the sensor distance value



Example 3

Obtain the sensor RGB value and the brightness value

