



# VL53

## GY53 Laser TOF Flight Time Ranging Sensor



- Easy to use, eliminating complex communications, eliminating complex algorithms, direct output distance data. Easier to connect with other MCU and computer.
- GY-53 infrared ranging module (VL53L0X + STM32)
- Module type: GY-53
- Use chip: VL53L0X + STM32
- Power supply: 3-5v (low dropout voltage regulator)
- Range: 2 meters (dark, long distance mode)
- Size: 25mm\*15.6mm (including mounting hole)
- Communication mode: serial output, PWM output, the chip itself IIC output.
- Serial port and PWM to read the data code: STM32, Arduino, 51 MCU.
- Note that due to the infrared will be affected by the outside light, in the light will affect the maximum range of measurement, will not affect the measurement accuracy.
- Default configuration: serial baud rate 9600, automatic output, high precision mode.