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.