정확하게 보는 능력

PRECISION THROUGH VISION

MYK VISION

MYK 905 EYE SAFE

LASER RANGING MODULE

CLASS 1
LASER PRODUCT
IEC 60825-1:2014

EYE SAFE

High Precision • Eye-Safe • Compact • Reliable

MYK 905 Eye Safe Laser Ranging Module is a compact, high-performance distance measurement solution using advanced laser ToF (Time of Flight) technology. It ensures accurate, reliable, and safe operation in various industrial and outdoor applications.

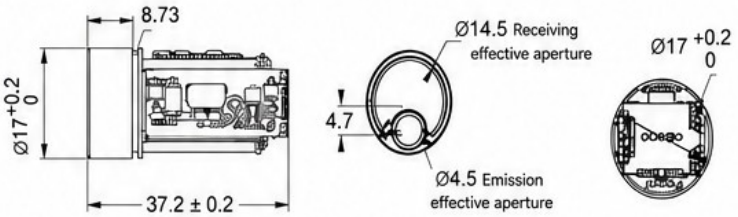


HIGH ACCURACY | LONG RANGE | LIGHTWEIGHT & COMPACT | EYE-SAFE CLASS 1 | EASY INTEGRATION

1. PRODUCT OVERVIEW

The MYK 905 Eye Safe Laser Ranging Module is a high-performance distance measurement solution using advanced laser ToF (Time of Flight) technology. It ensures accurate, reliable, and safe operation in various industrial and outdoor applications.

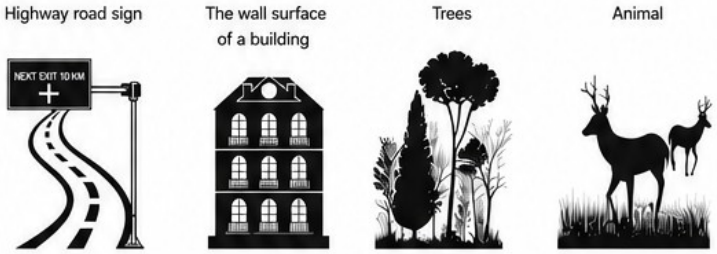
2. MECHANICAL DIMENSIONS



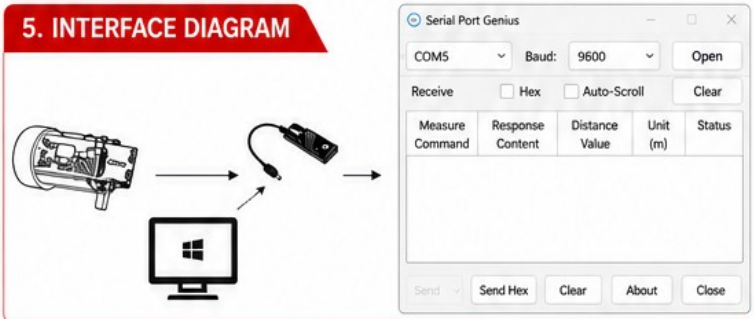
3. KEY SPECIFICATIONS

PARAMETER	SPECIFICATION
Measurement Range	3.3V to 5V
Accuracy	±1 m
Laser Wavelength	905 nm (Eye-Safe)
Laser Safety Class	Class 1 (IEC 60825-1:2014)
Operating Voltage	3.3V – 5V DC
Operating Current	< 100 mA
Interface	UART (TTL)
Baud Rate	9600 (Default)
Operating Temperature	-10°C to +50°C
Storage Temperature	-20°C to +60°C
Dimensions	37.2 mm (L) x 17 mm (Ø)
Weight	Approx. 18 g

4. APPLICATIONS



5. INTERFACE DIAGRAM



6. OPERATION STEPS

STEP 1 Insert the data cable into the ranging module, which can supply power to the module and output the measurement data at the same time.
(Note: Do not insert the plug in the wrong direction, and strictly control the power supply voltage range between 3.3V and 5V.)

STEP 2 Install the Serial Port Genius software and connect to a computer or other control devices through an adapter interface.

STEP 3 After the software is installed, open the display interface.

7. FEATURES

- Eye-Safe Class 1 Laser
- High Accuracy & Stability
- Compact & Lightweight Design
- Low Power Consumption
- Easy Integration via UART Interface
- Suitable for Harsh Outdoor Environments

NOTE

Do not view the laser beam directly.
This module is an eye-safe Class 1 laser product in compliance with IEC 60825-1:2014.

ACCURATE MEASUREMENT | SAFE & RELIABLE PERFORMANCE | BUILT FOR INNOVATION