

Small Module Specification



1. Outline

Module including: Host and LCD (serial port module without LCD)

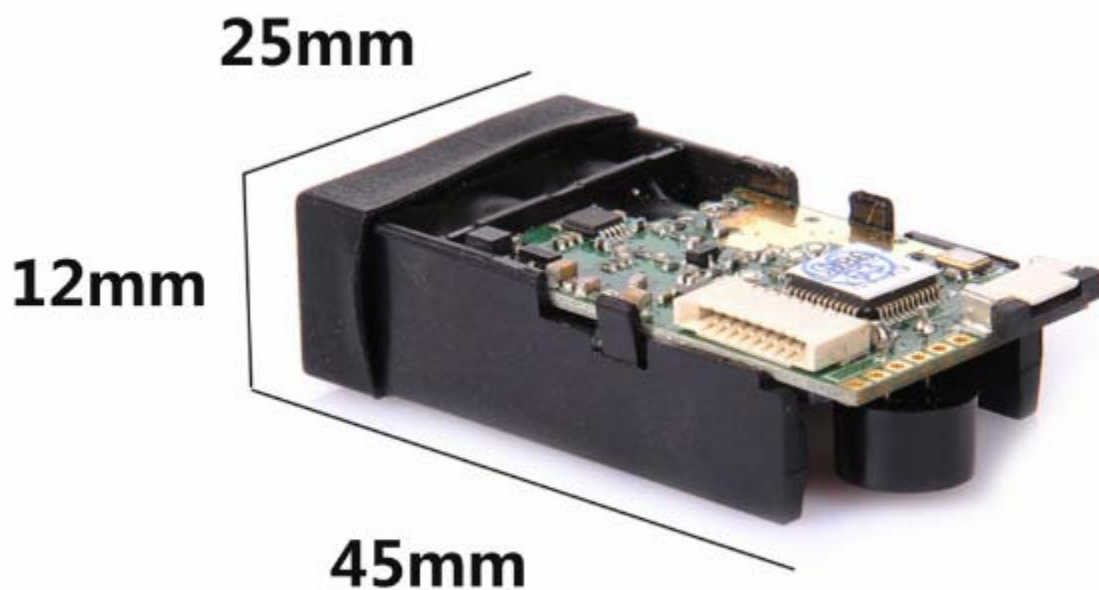
2. Technical Specifications

Accuracy:	±1 mm (0.04 inch)
Measuring Unit:	meter/inch/feet
Measuring Range (without Reflection) :	0.03-100m
Measuring Time:	0.1~3 seconds
Laser Class:	Class II
Laser Type:	635nm, <1mW
Size:	45*25*12mm(No LCD)

Weight:	About 10g
Voltage :	DC2~3.3V
Operating Temperature:	-15-50 °C
Storage Temperature:	-25~60 °C (-13~140 °F)

Note:

- 1. Under bad measure condition, like environment with strong light or the diffuse reflectance of measuring point over-high or low, the accuracy would have bigger amount of error: ± 3 mm+40PPM.**
- 2. Under strong light or bad diffuse reflectance of target, please use a reflection board**
- 3. Operating temperature -15 °C~50 °C can be customized.**



3. Hardware Connections

- 1. Hardware Interface: 2 line USART(Rx, Tx);**
- 2. Baudrate: 19200bps;**
- 3. Data bits: 8b;**
- 4. Parity: none;**
- 5. Flow control: none.**

