

The logo for TFN, featuring the letters 'TFN' in a bold, black, sans-serif font. A red triangle is positioned to the right of the 'N', pointing downwards and to the right.

TFN

A dark green, rounded rectangular label with a subtle, embossed texture. The text 'G5LR series' is centered within the label in a white, sans-serif font.

G5LR series

HANDHELD LASER RANGEFINDER

Power/Outdoor/Construction/Major engineering



TFA 激光测距仪

Distance: 0m
--- M
Gating: 20m

GATE

Laser rangefinder

IF IT BOTHERS YOU, TOO

Say goodbye to manual, work easier



**General
range finder**
Inaccurate measurement



**General
range finder**
Inconvenient data recording



**General
range finder**

The battery is not durable.

TFN laser rangefinder

**BUTTONS AND PRODUCT
INTRODUCTION**

Toggle key



Sight eyepiece

Mode key

Minus key

Additional key

Strobe key

Measuring range:

30-5000M, 8000M, 10000M, 15000M, 20000M(optional)

Light source: ND:YAG

Accuracy: 98%

Wavelength: 1064NM

Field of view: 65°

Output energy: $\geq 5\text{MJ}$

Magnification: 7X

Working life: ≥ 20000 times

Operating temperature: $-40^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Distance error: $\pm 1\text{M}$

Environmental adaptation: dustproof,
waterproof, seismic

Measurement data storage: 10 data

Volume: 60*130*139mm

Distance strobe: 20 to 4000M

Weight: 635G



Distance meter



recharger



Battery pack



Instrument box

HIGH PRECISION RANGING

HIGH-PRECISION RANGING GET IT DONE WITH ONE CLICK

External display, data synchronous display, one person to measure multiple readings at the same time, more efficient collaboration



ROTATING FOCUS CLEARLY LOCATE THE TARGET

Both myopia and presbyopia can be observed with the naked eye,
and the eyepiece definition can be adjusted freely



Ranging error Precision ratio

± 1 m

98%

Laser rangefinder

PRODUCT CHARACTERISTICS



Infrared optical system

Accurate ranging for the outdoors



Hd optical lens

Clearer observation effect



Dustproof and waterproof

Suitable for complex test environments



Hd fast and accurate

Continuous sweep measurement



Tripod interface

Measurement anti-jitter
More accurate data

Optically coated lenses

Enhance the overall transmittance, reduce the reflection of the optical system, and make the picture clearer



T-FN

激光测距仪

Distance: 0%

----- M

Gating: 20 m

MODE

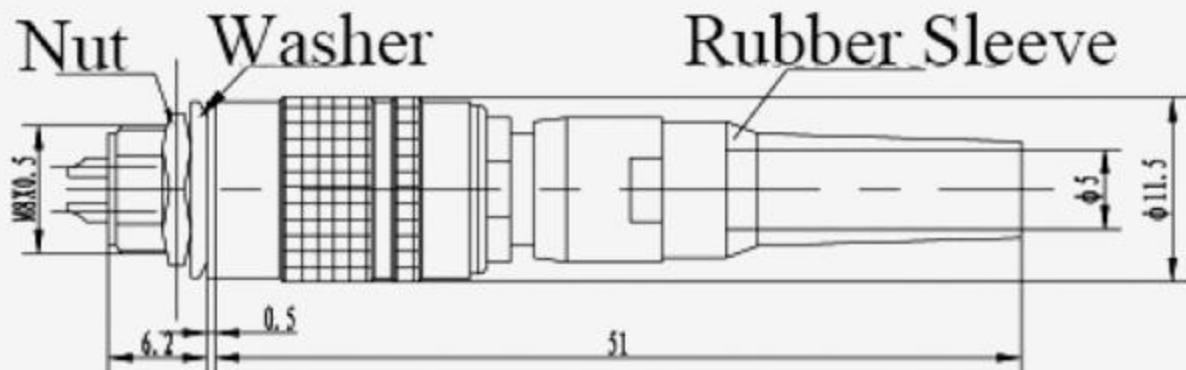


GATE

Easy to operate

Independent button for manual adjustment of parameter Settings anytime and anywhere

TFN laser rangefinder



Socket(welded surface)



Plug(non-welded surface)

Special use

In this rangefinder, in addition to the most commonly used ranging functions, there are powerful auxiliary functions for special use. Including: strobe, average, data storage, data transmission, data retrieval, product serial number display, cross line brightness adjustment, LCD backlight brightness adjustment. In special use, no matter what state is entered, long press the "MODE" key for two seconds to exit this state and return to the main interface.

Mode, minus, plus, and strobe keys are function keys

Special use:

If there are multiple targets in the aiming optical path, it can be selectively ranging through the gating function (gating range of 20~4000M).

1. After the device is powered on, enter the main screen. The displayed GATING distance is 20 meters :20M. Every time the "GATE" key is pressed, the gate value increases by 500 meters. At this time, press up. The down arrow button can modify the strobe value. Every time you press it, the strobe value is modified by 10 meters.
2. After correcting the gate value, press the trigger key to measure the distance of the target after the gate value.

Average function (AVG) :

If the target distance value needs to be accurately measured, the average distance can be measured, and the effective average number of times is 10

1. Press the MODE key. The screen for viewing 10 measurements and averaging data is displayed. The distance values of the last 10 measurements are displayed on the display. The last line "AVERAGE:XXXM" is the average of the 10 measurements.

Storage Function (SAV) :

If it is difficult to record the data on the spot or want to use the computer to process the data centrally, the storage function is available.

1. The system automatically records the latest 1000 measurement data and stores the data in the memory. Each set of data can be queried and read through the serial port of the computer.
2. Hold down the trigger key to exit the current status and enter the home screen.

Send function (TXD) :

If you need to send memory data to peripheral devices for processing, you can use the send function.

1. Connect the instrument and peripheral devices normally through special cables.
2. In the single ranging state, a distance value is sent for each distance measurement.

Data retrieval function:

Press MODE. The screen for viewing 10 measurements and averaging data is displayed. The distance values of the last 10 measurements are displayed on the display.

Product serial number display function:

Press the "MODE" key to switch to the serial number display function and display the serial number of the instrument.

Range frequency display function:

Press the "MODE" key to switch to the range number display function and check the cumulative range number of the instrument.

PRODUCT DISPLAY





TFA

激光测距仪

Distance: 0%
Gating: 20 m

MODE



GATE



TFN 激光测距仪

Distance: 0%
----- M
Gating: 20 m

MODE ◀ ▶ GATE





TFA 激光测距仪

Distance: 0%
----- M
Gating: 20 m

MODE ◀ ▶ GATE