

FNIRSI™

SMART LASER RANGEFINDER

Technology Changes Life, Innovation Leads The Future!



±2mm

High
Precision



0.1s

Instantaneous
Measurement



360°

Gravity
Sensor



8cm

Skin-friendly
Feeling



3000次

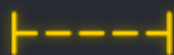
Long
Cycle



40M
RANGING

VARIOUS MEASUREMENT MODES

Easily meet the measurement needs of various scenes in life, which can help you enjoy a new life intelligently



Single
measurement



Multiple
measurements



Area
measurement



Volume
measurement



Pythagorean



Second
Pythagorean



Front and rear
reference



Unit switching

MILLIMETER PRECISION

Intelligent algorithm, the distance measurement is completed in an instant



Accurate



Fast



One-button switching fast, accurate and stable

AUTO FLIP GRAVITY SENSING

Equipped with ROHM acceleration sensor, realize Auto Flip,
bid farewell to looking at data with tilted head and brain.

1.3-inch HD IPS Screen, Clear at a Glance

IPS

HD Display



360° Auto Flip

360°



L1 2.000 m



L2 2.000 m

L3 2.000 m

1.800 m



L1 2.000 m



L2 2.000 m

L3 2.000 m

1.800 m

FNIRSI

TWO-FINGER GRIP DOUBLE BOND DESIGN

One-click Measurement, Master the Space



LONG PRESS: ON/Switch [Measurement Mode]

OFF

DOUBLE-CLICK: Switch units Switch [Post/Former benchmark]

One-button switching fast, accurate and stable

MINI BODY BIG ENERGY LONG ENDURANCE ⚡

Built-in 400mAh lithium battery, Fast charging with Type-C universal charging port; Fully charged up to 3000 times of continuous measurement



Type-c



Fully charged



One-button switching fast, accurate and stable

// MINIMALISM //

CHNOLOGICAL AESTHETICS

Curved structure on the back and
cube-decoration design,Mystery,Unbelievable

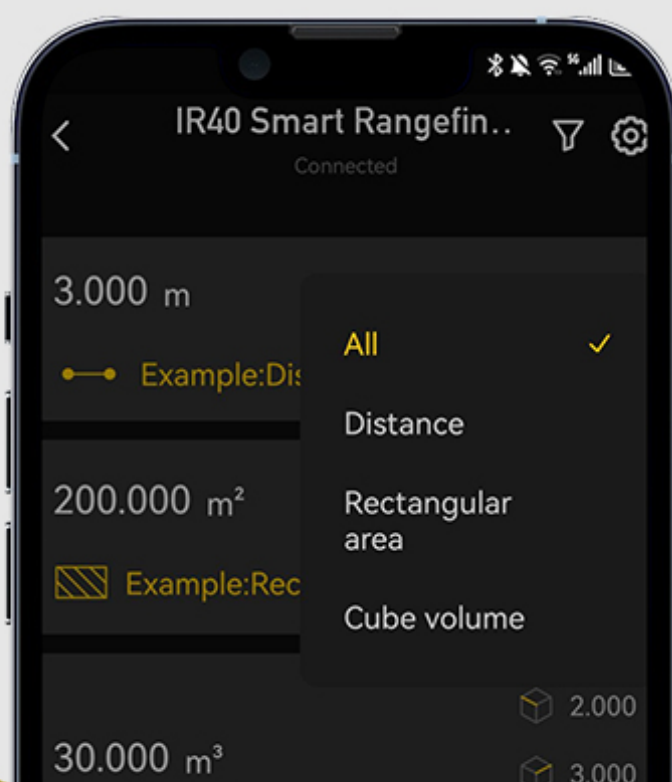


产品名称: 40M智能测距仪
产品型号: FNIRSI
锂电池: 3.7V
充电参数: 5V/500mA
制造商: 深圳市

MOBILE APP INTELLIGENT LINKAGE

BREAK FREE FROM THE SHACKLES OF PEN AND PAPER

Restore real space, Ride the storm of creativity Support Android&IOS,
Link APP to realize functions such as data synchronization/remarks,
length/area/volume calculation, floor plan
drawing, real-time recording, etc.



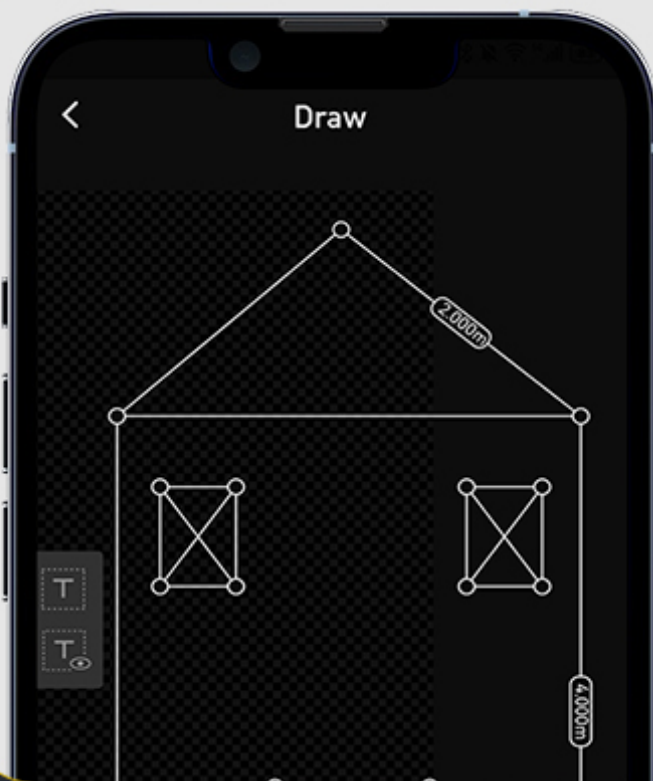
REAL-TIME DATA SYNCHRONIZATION/REMARKS

The measurement data is synchronized, and can be recorded, and the long-term memory supports filtering measurement items to view data more quickly.



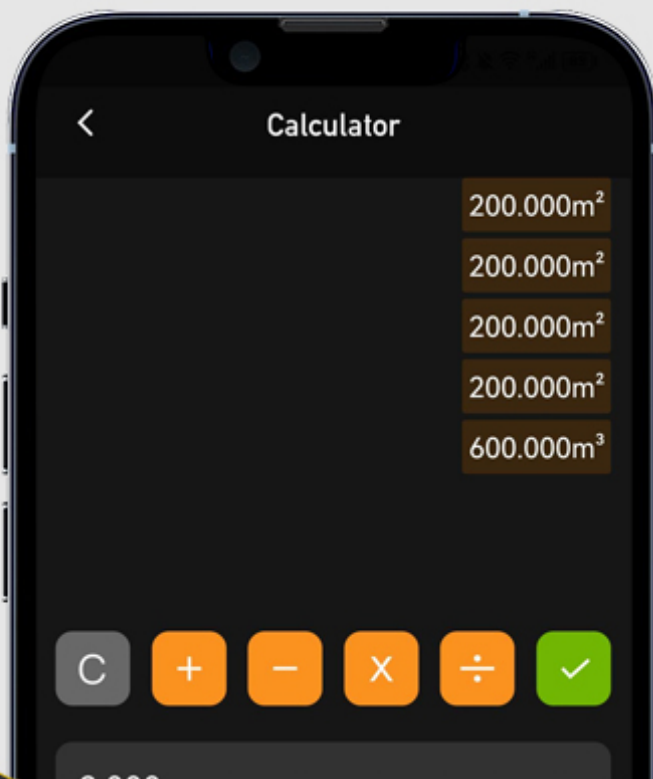
PHOTO-DRAW-MEASURE

Take or import a photo from your album and draw, measure or mark on it.



QUICKLY DRAW ICHTNOGRAPHY

Draw ichnography, the measured data is automatically marked to the selected line in the figure, and the length of the line is intelligently adjusted.



LENGTH/AREA/VOLUME CALCULATION

You can flexibly select the existing length, width and height data for area and volume calculations, also simply add and subtract to calculate length, area and volume. Multi-dimensional space scales are under control.

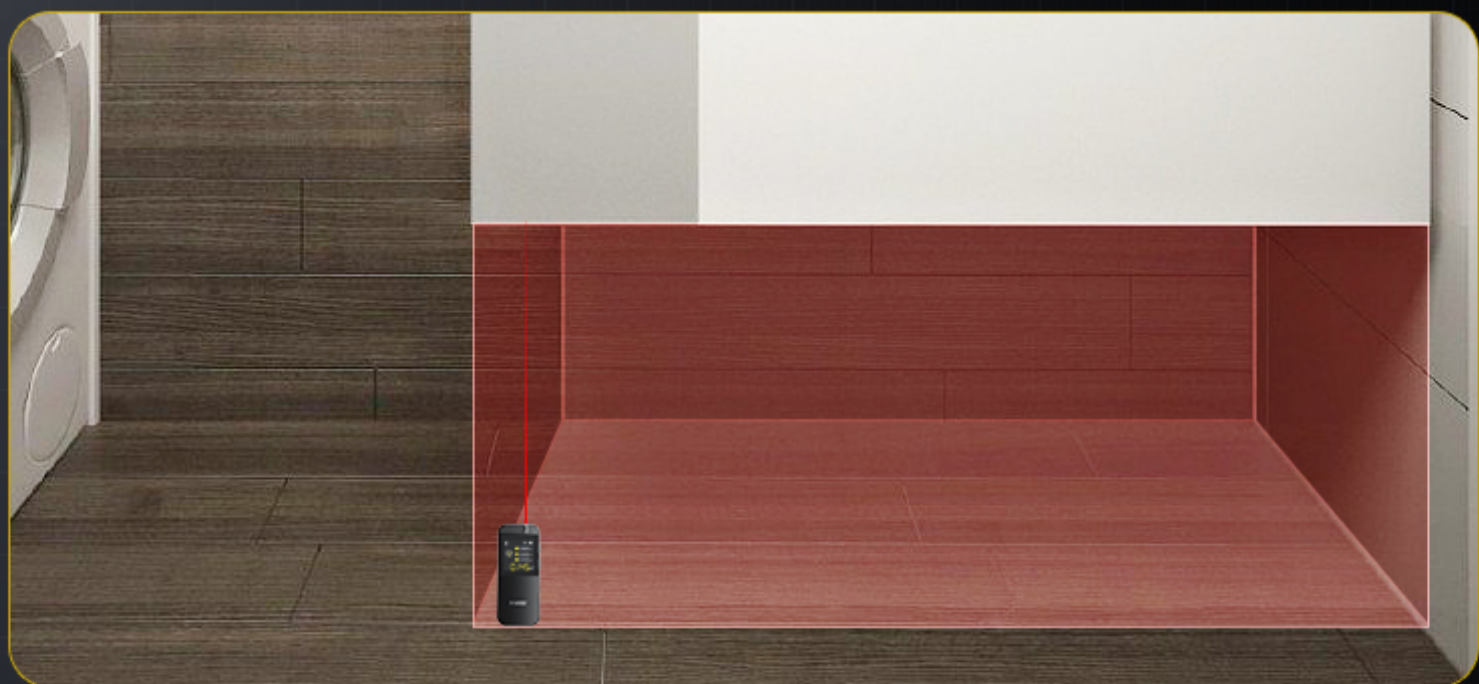
MULTIPLE PRACTICAL SCENARIOS INTELLIGENT LINKAGE

POWER OF TECHNOLOGY MAKES EVERYTHING UNDER CONTROL!

The area, The size of the home, The space capacity, The construction of outdoor handmade wooden houses, etc.



UPHOLSTERED FURNITURE - LENGTH MEASUREMENT ▲



DECORATION LAYOUT - VOLUME MEASUREMENT ▲



VIEWING, RENTING SHOP - AREA MEASUREMENT ▲

One-button switching fast, accurate and stable

PRODUCT PARAMETERS



产品名称: 40M 红外测距仪
产品型号: F-NIRSi IR40
锂电池: 3.7V-400mAh
充电参数: 1V/500mA
制造商: 深圳市菲尼瑞斯科技有限公司

19mm



0.800 m
0.600 m
0.550 m
0.145 m³

34.5mm

79mm

Measurement Range: 0.05~40m

Measurement Accuracy: $\pm(2\text{mm}+5\times10^{-5}\text{Dmm})^*$

Laser Rank: II 级

Laser Type: 620-670nm

Measurement Time: 0.1~3s

Resolution: 1mm

Unit: m/ft/in

Working Temperature Range: 0°C~40°C

Storage Temperature Range: -20°C~60°C

* $\pm 2\text{mm}$ high-precision measurement: The measurement data is related to the actual measurement distance, which can be calculated by the formula $\pm(2\text{mm}+5\times 10^{-5}D\text{mm})^*$.

*Measurement range minimum needs to be measured with front reference.

*After fully charged, use the button tester to perform the action of "start up + laser emission + data measurement + shut down" about every 10 seconds until the power is exhausted, and the cycle test can be performed continuously for 3000 times.

*Rank 2 laser has slight radiation and will not cause permanent damage to the retina of the eye, but please do not look directly at the beam.

*"D" means actual distance, indoor standard reflective surface environment. In harsh environments such as: the sunlight is too strong, the ambient temperature fluctuates greatly, so that the reflection effect of the reflective surface is weak. And the measurement results will have a large error when the battery power is insufficient. In this case, the use of the target reflector is better. There are also situations that affect the measurement: the objective lens or laser tube is blocked by foreign objects; the measurement target is not clear, such as water surface, glass, mirror surface; the laser shakes during measurement, etc.

* The various data mentioned on this page, unless otherwise specified, are from FNIRSI. Due to changes in the objective environment and other factors during actual use, the data may be different or have errors. "