

TFN

**FKI SERIES
BINOCULAR LASER RANGEFINDER**



FOUR CORE FEATURES

ranging



Pitch Angle



Horizontal
vertical distance



Azimuth Angle

POWERFUL FUNCTION BE COMPETENT IN MANY FIELDS



Binocular long-distance laser rangefinder can quickly measure, autofocus, distance measurement, Angle measurement, with azimuth Angle, more intuitive reading data, accurate calculation of average value.



HD LENS CLEARER OBSERVATION

It adopts an all-optical low-dispersion and high-lens film with strong light transmittance, which is suitable for different users, including myopia, hyperopia, and presbyopia. Can be observed with the naked eye



- ▶ Rotate the right eyepiece to adjust the focus. Until you are sure that the whole picture you are looking at is clear and comfortable

STROBE FUNCTION REDUCE ADVERSE ENVIRONMENTAL IMPACTS



Selective ranging via strobe function



L1943. 5m

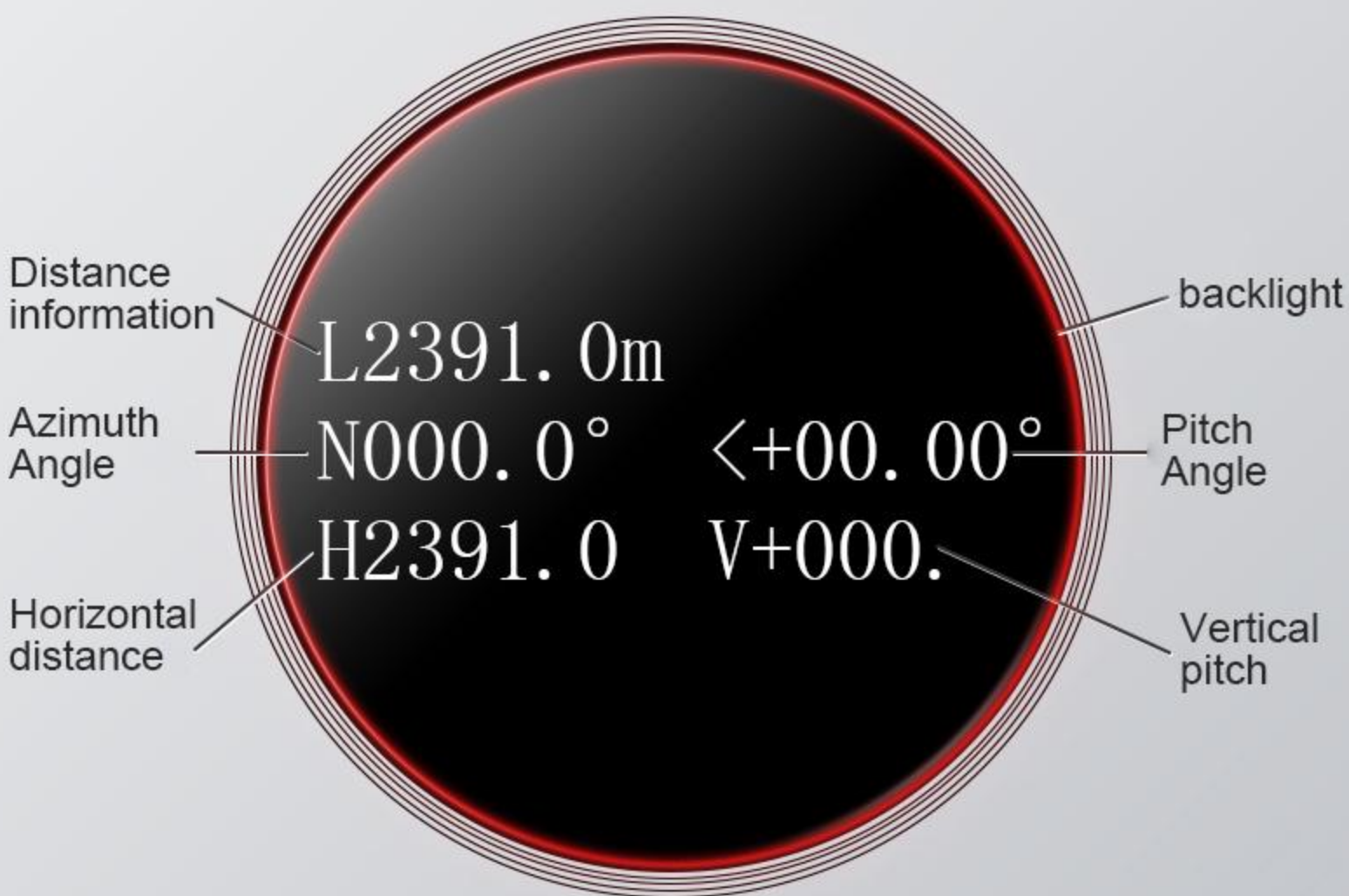
N000. 0° <+00. 00°

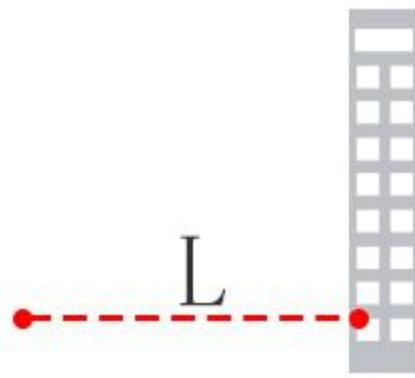
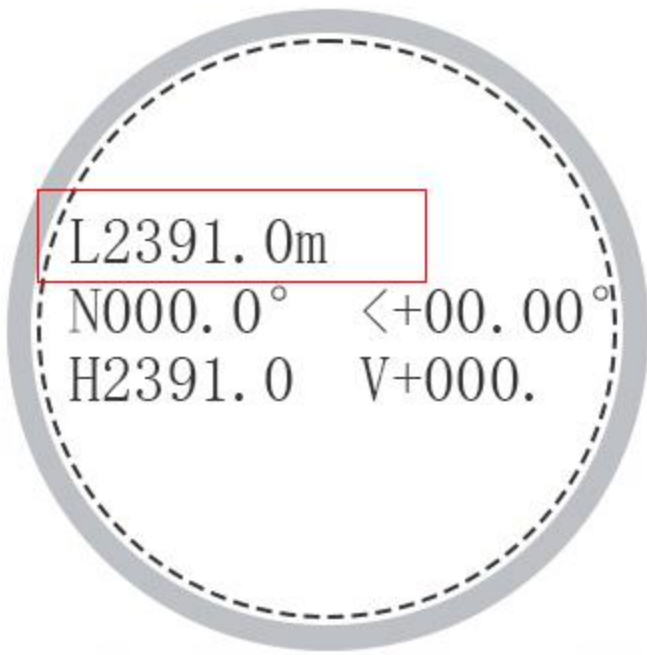
AVG 002-003

MULTIPLE MEASUREMENT MODES BE COMPETENT IN MORE FIELDS



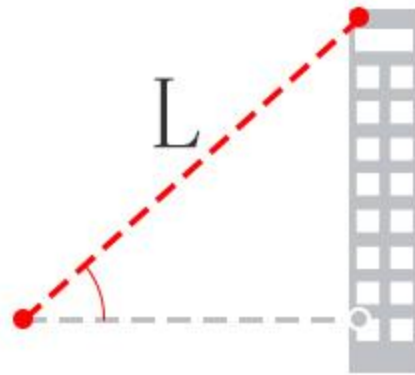
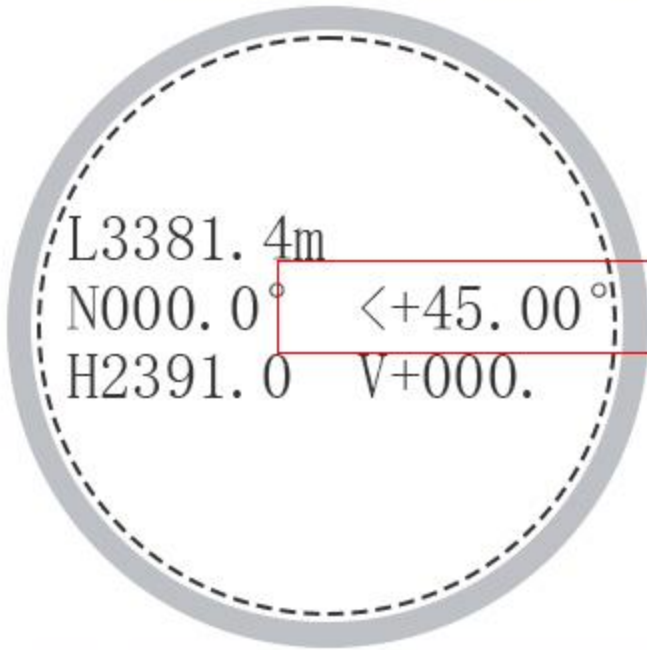
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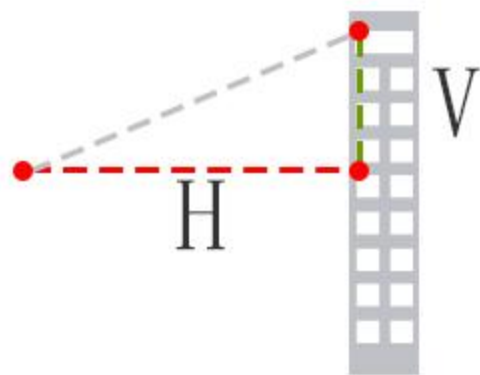
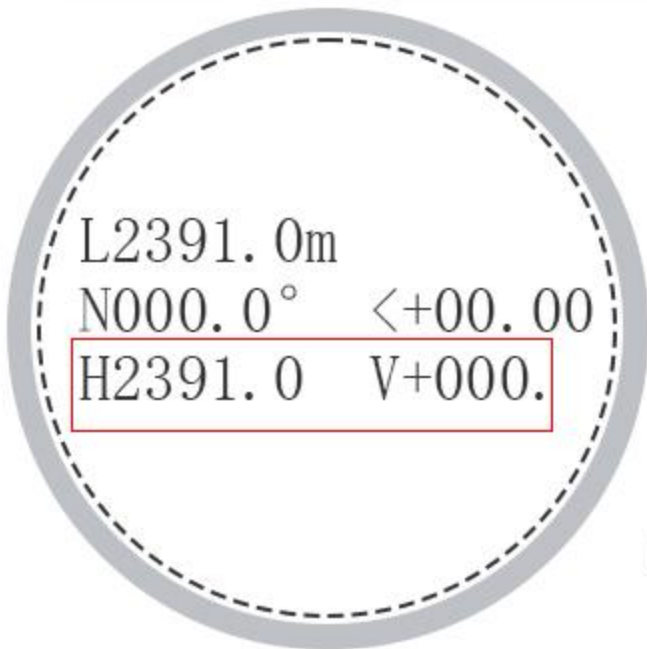
Linear distance L mode

The linear distance between the observer and the target



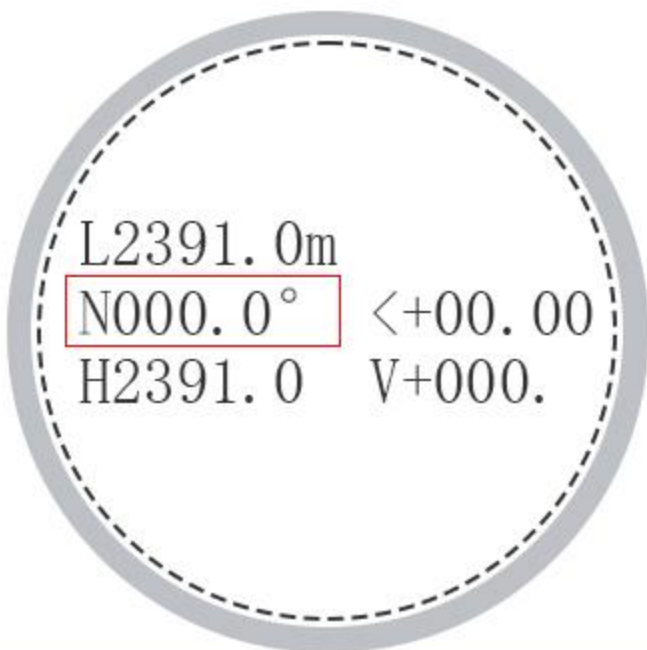
Measure the pitch Angle

Angle between observation point and target level



Measure horizontal distance and vertical distance

HXXX.Xm indicates the horizontal distance and VXXX.Xm indicates the vertical distance



Azimuth Angle

Due north shows N000.0°, gradually increasing to the east, with a maximum of 359.9°



STORAGE FUNCTION

1000 STORED DATA

Solve the difficulty of recording data on site, and facilitate centralized data processing by computer

SD 01: 5230.5
SD 02: 5230.5
SD 03: 6571.5
SD 78: 8362
SD 79: 5230.5
SD 80: 6571.5
SD 81: 651.5

SOLID MATERIAL DUSTPROOF, WATERPROOF, SEISMIC

The body is decorated with anti-slip pattern, beautiful design, with three-proof function, small size, easy to carry, easy to operate.



KEY INTRODUCTION

Clear partition and easy operation



Key function introduction

- 1, trigger key (MEAS): emit laser pulses to make the instrument normal ranging.
- 2, Mode/confirm key (MODEL): menu key, most functions are entered by this key.
- 3, STROBE/+ (STROBE/+): In the normal state, long press the strobe, the menu upward adjustment.
- 4, power/reset (ON/OFF): switch the instrument power or reset, exit the current state.
- 5, Lighting /-(LIGHT/-): under normal conditions, long press to turn on/off lighting (LIGHT light on) menu to adjust down.
- 6, connection socket: used for instrument and peripheral equipment signal input/output and directly charge the lithium battery.
7. Display eyepiece: Displays the distance value, azimuth Angle, pitch Angle and operation function characters of the measured target.
- 8, aiming eyepiece: the operator aims at the target with the eyepiece.

PRODUCT PARAMETER

Clear partition and easy operation



parameter	Gauge lattice			
Product model	F4KI	F5KI	F6KI	F10KI
Measuring range	30~4000m	30~5000m	30~6000m	30~10000m
Ranging error	=±0.5m			
Range gating	Distance =20~5100m (step length is 10m)			
Precision ratio	98%			
Repetition rate	1/6~1/3Hz (10~20 times/min)			
Compass accuracy	±1 degree			
Inclination accuracy	±0.1 degrees (within ±25 degrees)			
Measuring function	1000 measurement data storage			
Receiving aperture	φ30mm			
Scope field of view	6.5°			
Scope magnification	7X			
Wave length	1.064um			
illuminant	Nd: YAG			
Output energy	≥5 mj			
Working life	≥20000 times			
Operating temperature	-20°C~+50°C			
Environmental adaptation	Dustproof, waterproof, seismic			
Overall dimension	151mm*154mm*74mm			
weight	1kg			
Power source	Lithium battery 18650 (3.7 volts, 3400 mah) knots			

PRODUCT LIST



Toolbox



Power cord



Data cable



External trigger cable



specification



Distance meter

PRODUCT DISPLAY





Strobe/+

T'FN

Model

On/Off

Light/-

Meas



Meas

Model

On/Off

Light-

T-FN

Strobel+