

# Laser Rangefinders

## Forestry Pro

**Ideal for basic forestry and land surveys — display in metres, yards or feet**

- In addition to actual distance, horizontal distance, height, angle and vertical separation (difference in height between two targets) measurement functions, three-point measurement (height between two points) is available
- The results are displayed on both internal and external LCD panels. The external panel displays all results simultaneously.
- Two measurement modes (Target Priority Switch System) are available:  
First Target Priority Mode displays the range to the nearest target taken from multiple results obtained with a single measurement.  
Distant Target Priority Mode displays the range to the farthest target taken from multiple results obtained with a single measurement — especially useful for forestry and hunting.
- Display in feet as well as metres and yards is available with this model
- Measurement range: 10-500 m/11-550 yd./33-999 ft.  
(See page 34 for features common to Nikon Laser Rangefinders)

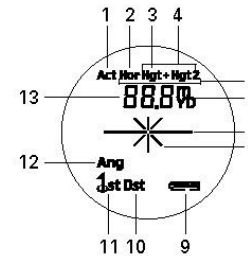


Forestry Pro

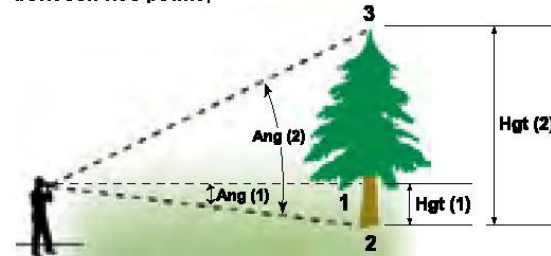
Model name	Forestry Pro
Measurement range	Distance:10-500m/11-550 yd./33-999 ft. (*999 ft.: 304.5m/333 yd.) Angle: ±89°
Distance display (Increment)	[Internal Display] Act (Actual Distance): every 0.5m/yd., 1.0 ft. (shorter than 100m/yd./ft.) every 1.0m/yd., 1.0 ft. (100m/yd./ft. and over) Hor (Horizontal Distance) and Hgt (Height): every 0.2m/yd., 0.5 ft. (shorter than 100m/yd./ft.) every 1.0m/yd., 1.0 ft. (100m/yd./ft. and over) Ang (Angle): every 0.1° (less than 10°) every 1.0° (10° and over) *Downward angle from the horizontal line: with display "-" [External Display] Act (Actual Distance): every 0.5m/yd., 1.0 ft. Hor (Horizontal Distance) and Hgt (Height): every 0.2m/yd., 0.5 ft. Ang (Angle): every 0.1°
Finder	Magnification: 6x Effective objective diameter: 21mm Actual field of view: 6.0° Exit pupil: 3.5mm Eye relief: 18.2mm
Dimensions (LxHxW)	130x69x45mm
Weight (excluding battery)	210g
Power source	CR2 lithium battery x 1 (DC 3V) Auto power shutoff function equipped (after about 30 sec.)
Safety	Class 1M Laser Product (EN/IEC60825-1:2007)
EMC	FCC Part15 SubPartB class B, EU:EMC directive, AS/NZS, VCCI class B
Environment	RoHS, WEEE

### Internal display

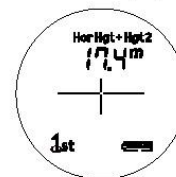
1. Actual (linear) Distance
2. Horizontal Distance
3. Height
4. Height between two points
5. Three-point measurement
6. Unit of measure (m/yd.)  
(No unit displayed for ft.)
7. Target mark (—|—)
8. Laser irradiation (X)
9. Battery condition
10. Distant Target Priority mode
11. First Target Priority mode
12. Angle
13. Distance



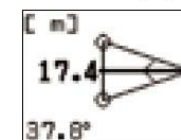
### Measurement example (Three-point measurement: height between two points)



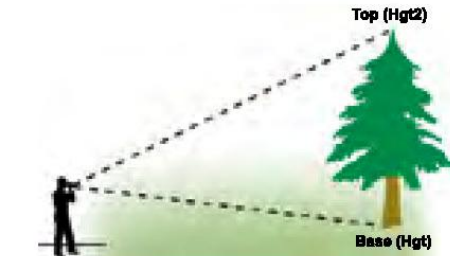
Internal display



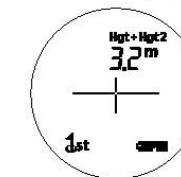
External display



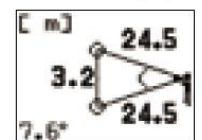
### Measurement example (2-point height measurement)



Internal display

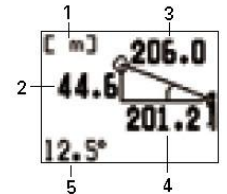


External display



### External display

1. Measurement unit (m/yd./ft.)
2. Height
3. Actual (linear) Distance
4. Horizontal Distance
5. Angle (°)



The specifications of the product may not be achieved depending on the target object's shape, surface texture and nature, and/or weather conditions.

Note: The origin of the technique of this Laser Rangefinder with inclinometer is the Surveying Instruments incorporated measuring capability of both distance and angle which were developed by Nikon Corporation. Among such products, especially, the first highly advanced electronic model, the Total Station DTM-1, is the root (Sold in 1985).

When three-point measurement is achieved, the height between points 2 and 3 is displayed on the internal LCD with **Hor Hgt+Hgt2** (solid), and **Hgt(2)** and **Ang(2)** are shown on the external LCD. Points 2 and 3 can be reversed.

When the measurement is successful, you see the height from the base to the top displayed on the internal LCD with **Hgt+Hgt2** (solid). For more information, refer to the external LCD. "Base" and "top" can be switched.