



## Forestry Pro II



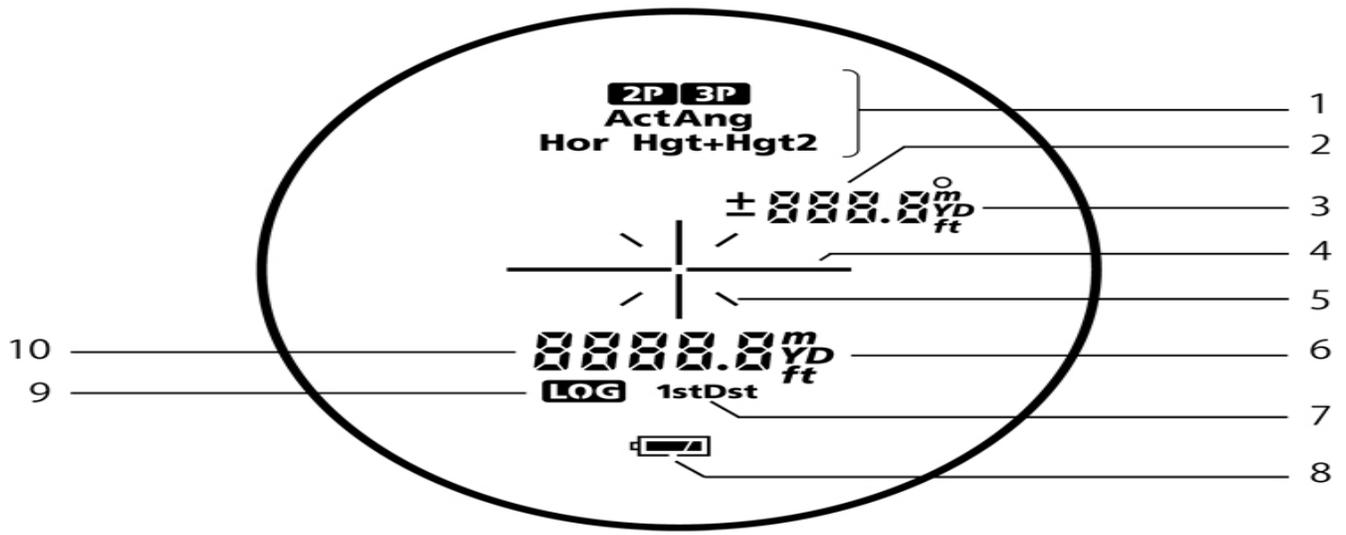
### Key Features

- Measurement range: 7.5-1,600m/8-1,750 yd./25-5,250 ft.
- 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.
- The external display employs backlighting for easy visibility even in dark situations, such as for forestry. Backlight brightness is adjustable to three levels.

- The log function enables up to 250 measurement results to be stored
- Quick and stable measurement response regardless of distance — HYPER READ
- The measurement result can be displayed in approx. 0.3 second on the internal display
- Target Priority Switch System for measuring overlapping subjects:  
First Target Priority mode displays the distance of the closest subject — useful when measuring the distance to a subject in front of an overlapping background.  
Distant Target Priority mode displays that of the farthest subject — useful in wooded areas.
- High-quality 6x monocular with multilayer coating produces bright, clear images
- Long eye relief design affords eyeglass wearers easy viewing
- Dioptre adjustment function
- Single or continuous measurement (up to 8 seconds)
- Waterproof (up to 1m/3.3 ft for 10 minutes) and fogproof, but not designed for underwater usage; the battery chamber is rainproof
- Wide temperature tolerance: -10°C to +50°C/14°F to 122°F

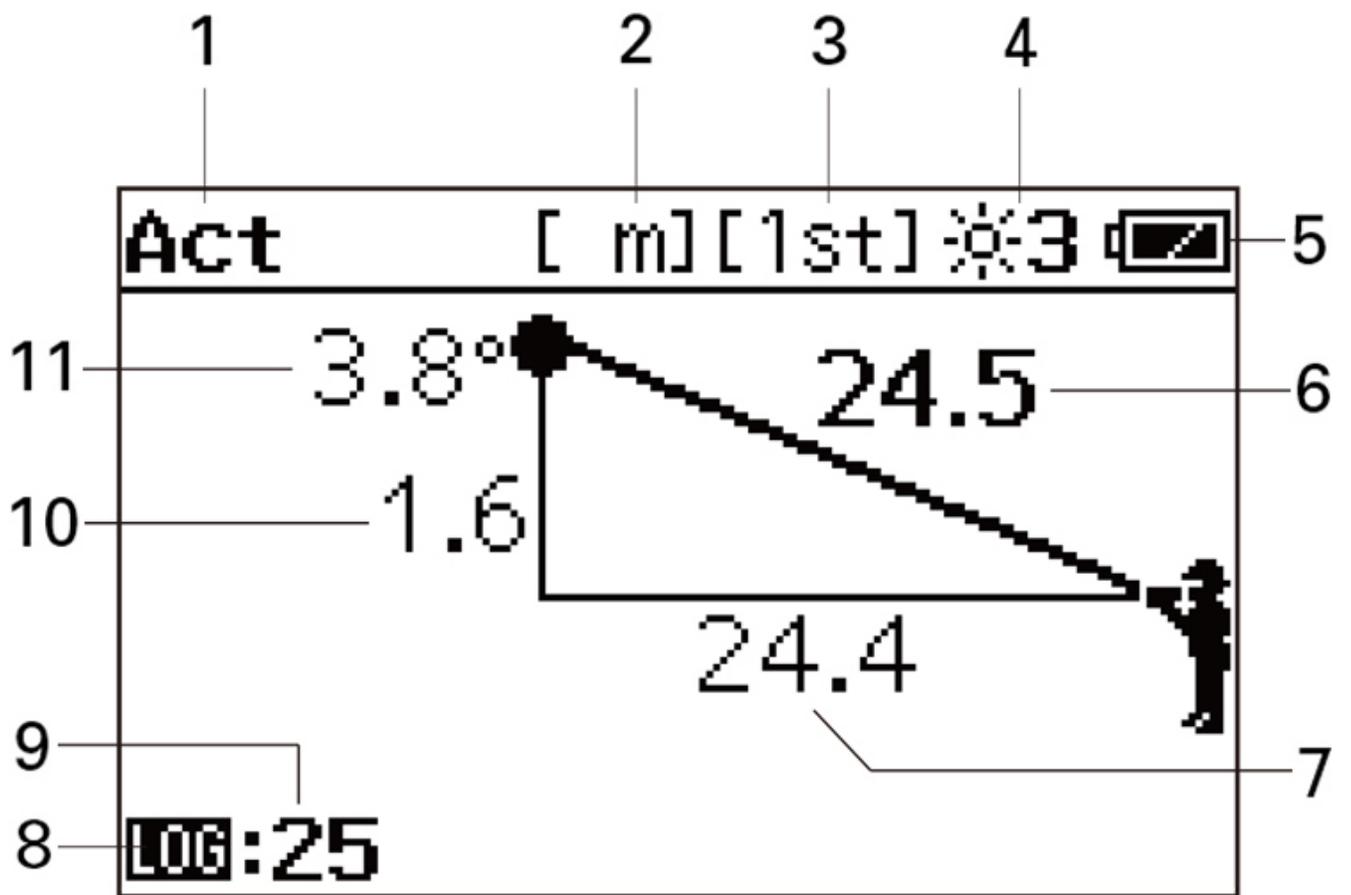
## Internal display

- 1.Measurement display mode
- 2.Distance or angle (sub-indicator)
- 3.Unit of measure (°: angle in degrees/m: meter/YD: yard/ft: feet)
- 4.Target mark
- 5.Laser emission mark
- 6.Unit of measure (m: meter/YD: yard/ft: feet)
- 7.Target Priority mode (1st: First Target Priority mode/Dst: Distant Target Priority mode)
- 8.Battery level indicator
- 9.Log indicator
- 10.Distance or height (main indicator)

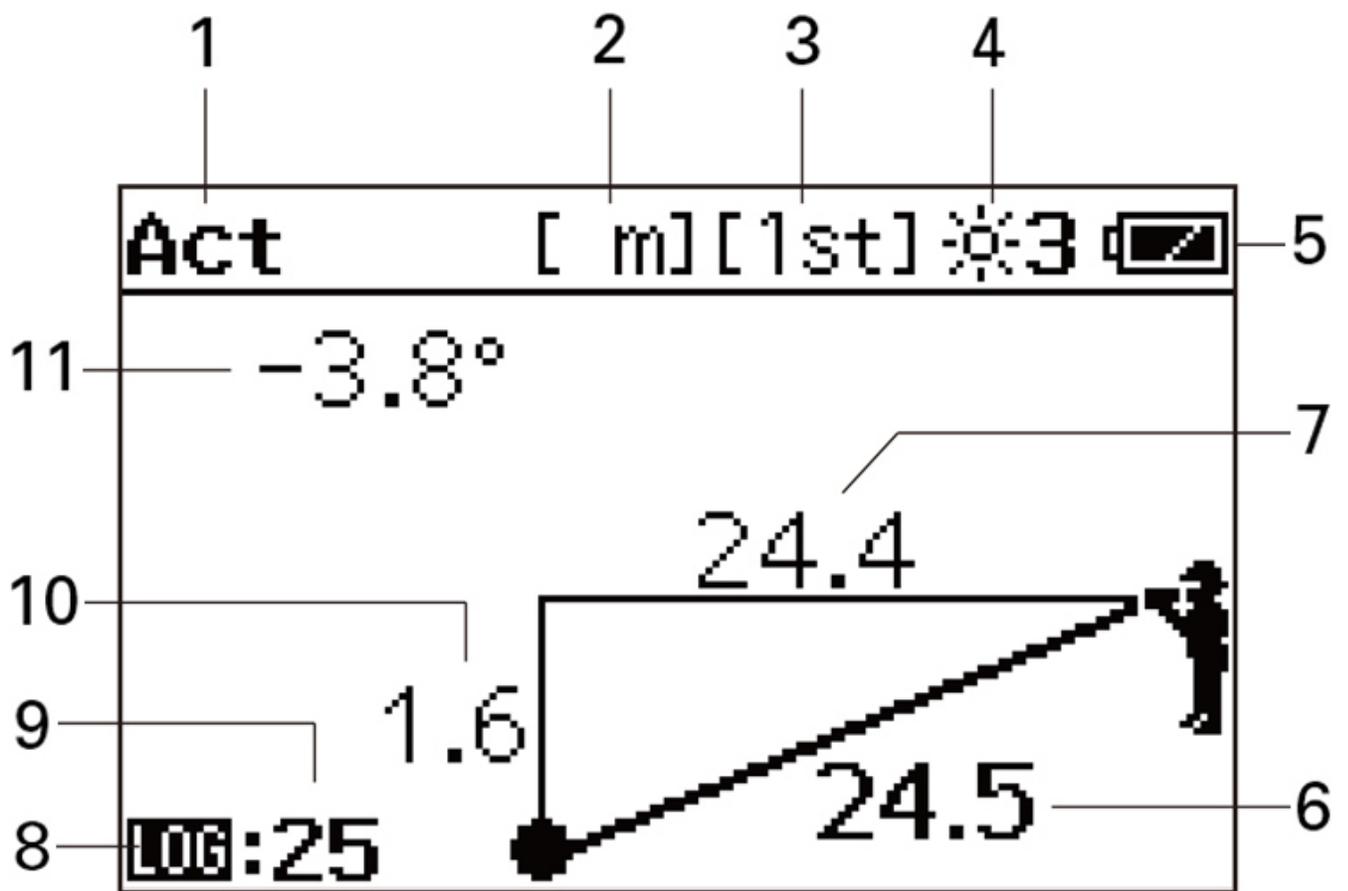


## External display

- 1.Measurement display mode
- 2.Unit of measure (m: meter/YD: yard/ft: feet)
- 3.Target Priority mode (1st: First Target Priority mode/Dst: Distant Target Priority mode)
- 4.External display backlight level
- 5.Battery level indicator
- 6.Actual distance
- 7.Horizontal distance
- 8.Log indicator
- 9.Log number
- 10.Height
- 11.Angle

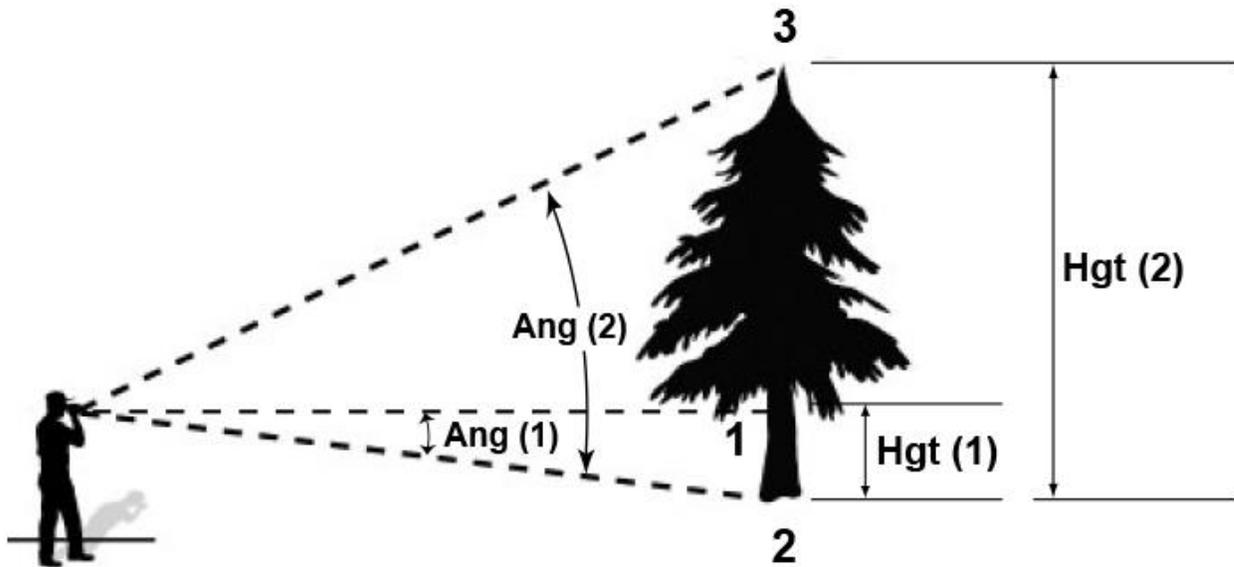


When measuring upward

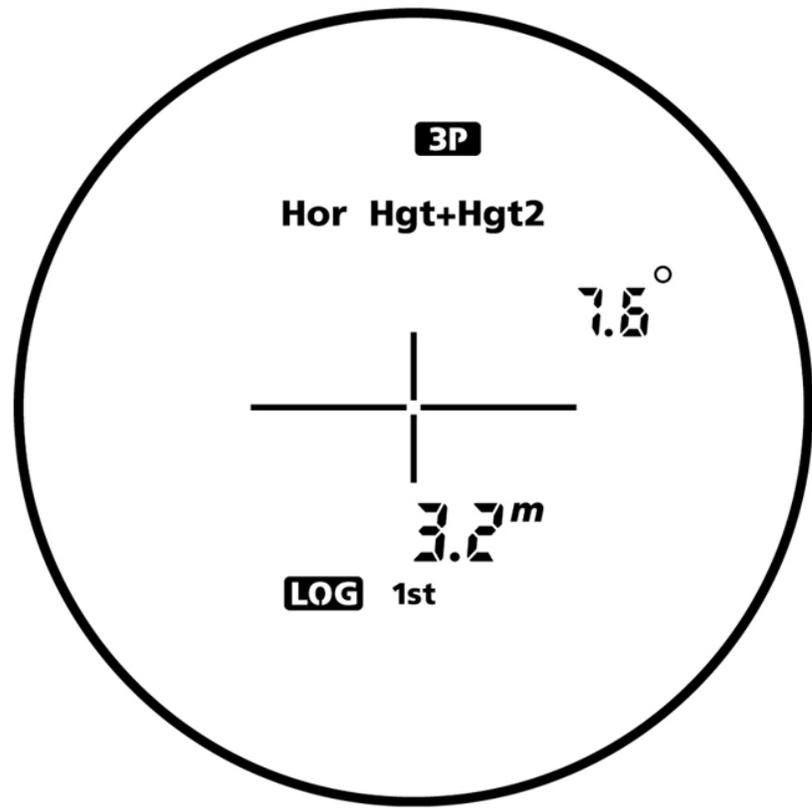


When measuring downward

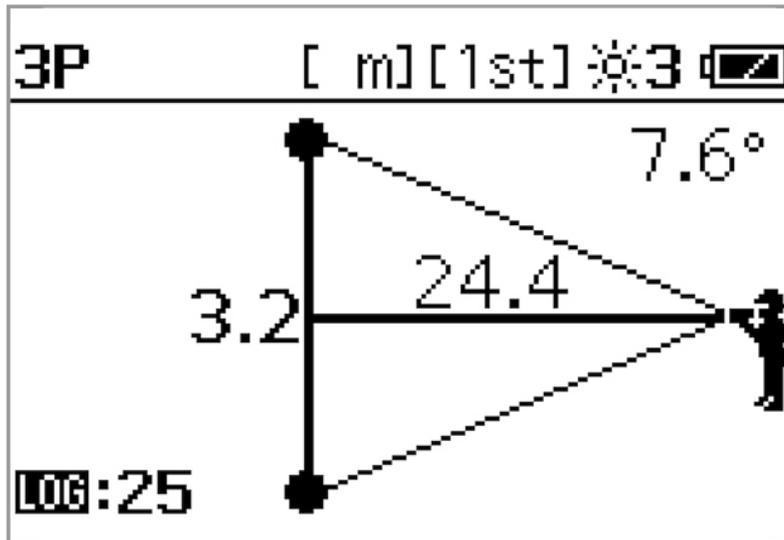
**Measurement example (Three-point measurement: height between two points)**



Internal display

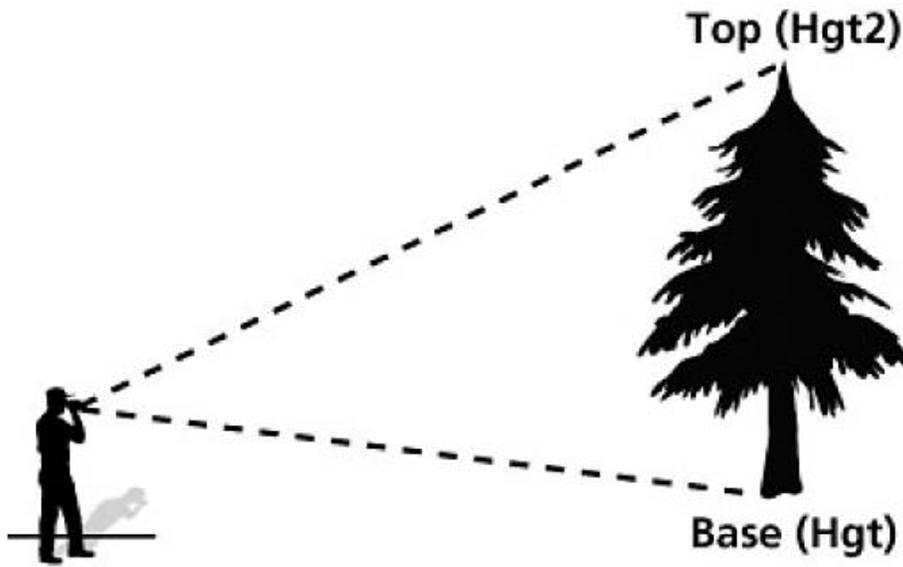


# External display

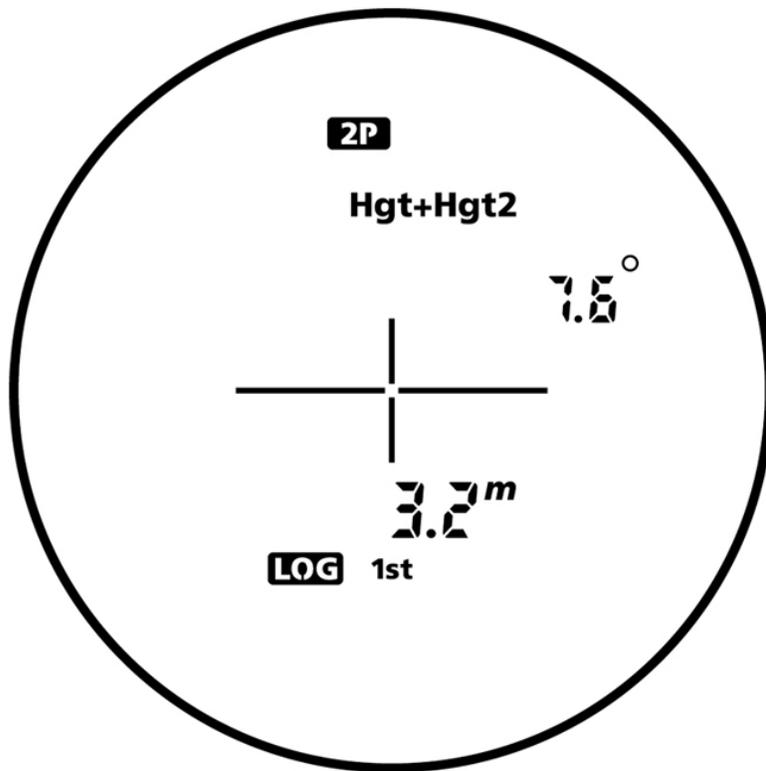


When three-point measurement is achieved, the height between points 2 and 3 is displayed on the internal LCD with Hor Hgt+Hgt2 (solid), and Hgt(2) and Ang(2) are shown on the external LCD. Points 2 and 3 can be reversed.

## Measurement example (two-point height measurement)

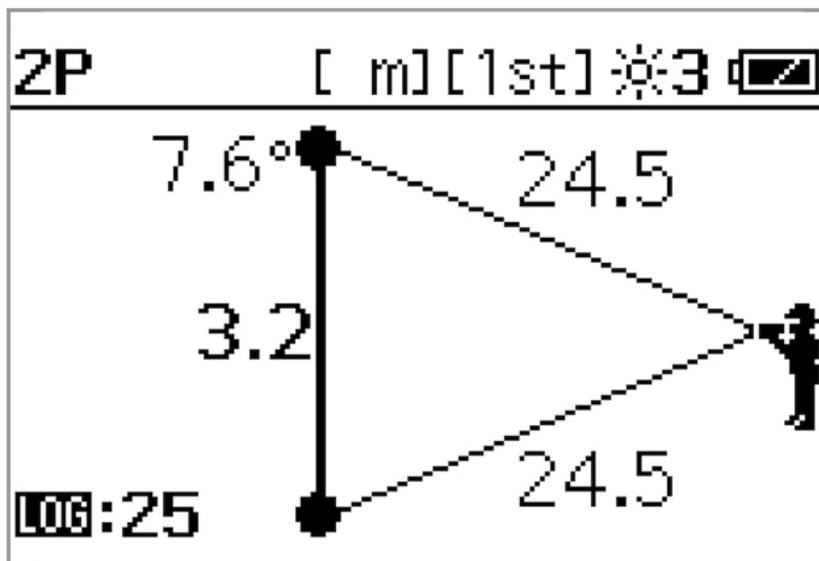


Internal display



Hgt and Hgt2 are solid

# External display



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.

## Specifications

Forestry Pro II	
<b>Measurement range</b>	Distance: 7.5-1,600m/8-1,750 yd./25-5,250 ft. Angle: $\pm 89^\circ$
<b>Maximum measurement distance (tree)*</b>	1,100m/1,200 yd./3,600 ft.

<b>Forestry Pro II</b>	
<b>Distance display (increment)</b>	<p>[Internal Display]  Act (Actual Distance):  Main-indicator:  every 0.1m/yd./ft.  Sub-indicator:  every 0.1m/yd./ft. (shorter than 999.9m/yd./ft.)  every 1m/yd./ft. (1000.0 m/yd./ft. and over)</p> <p>Hor (Horizontal Distance) and Hgt (Height):  every 0.1m/yd./ft.</p> <p>Ang (Angle):  every 0.1°</p> <p>[External Display]  Act (Actual Distance), Hor (Horizontal Distance) and Hgt (Height):  every 0.1m/yd./ft.</p> <p>Ang (Angle):  every 0.1°</p>
<b>Accuracy** (actual distance)</b>	<p>±0.3 m/±0.3 yd./±0.9 ft (shorter than 1,000 m/1,000 yd./3,280 ft)  ±1.0 m/±1.0 yd./±3.0 ft (1,000 m/1,000 yd./3,280 ft and over)</p>
<b>Magnification (x)</b>	6
<b>Effective objective diameter (mm)</b>	21
<b>Actual field of view (°)</b>	7.5
<b>Exit pupil (mm)</b>	3.5
<b>Eye relief (mm)</b>	18.0
<b>Dimensions (LxHxW) (mm/inch)</b>	110 x 74 x 42/4.3 x 2.9 x 1.7
<b>Weight (excluding battery) (g/oz.)</b>	170/6.0
<b>Power source</b>	<p>CR2 lithium battery x 1 (DC 3V)  Auto power shut-off (after approx. 30 sec. unoperated)</p>

<b>Forestry Pro II</b>	
<b>Waterproof structure</b>	Waterproof (up to 1m/3.3 ft. for 10 minutes), fogproof Battery chamber is rainproof — JIS/IEC protection class 4 (IPX4) equivalent (under Nikon's testing conditions)
<b>Laser classification</b>	IEC60825-1: Class 1M/Laser Product FDA/21 CFR Part 1040.10: Class I Laser Product
<b>Electromagnetic compatibility</b>	FCC Part15 SubPartB class B, EU:EMC directive, AS/NZS, VCCI classB, CU TR 020, ICES-003
<b>Environment</b>	RoHS, WEEE

- \*Under Nikon's measurement conditions and reference values.
- \*\*Under Nikon's measurement conditions.

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).