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.
- 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.

Specifications

### Key Features

- **Measurement range**: 7.5-1,600m/8-1,750 yd./25-5,250 ft. Angle ±8º
- **Hor (Horizontal distance)/Hgt (Height)**: Every 0.1 m/yd./ft
- **Ang (Angle)**: Every 0.1º
- **Accuracy (actual distance)**: ±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)
- **Magnification (x)**: 6
- **Effective diameter of objective lens (mm)**: 21
- **Actual field of view (º)**: 7.5
- **Eye relief (mm)**: 18.0
- **Exit pupil (mm)**: 3.5
- **Dimensions (L x H x W) (mm/in.)**: 110 × 74 × 42/4.3 × 2.9 × 1.7
- **Weight (g/oz.)**: Approx. 170/6.0 (without battery)
- **Operating temperature (˚C/˚F)**: -10 — +50/-14 — 122
- **Power source**: CR2 lithium battery × 1 (DC 3V), automatic power shut-off (after approx. 30 sec. unoperated)
- **Battery chamber**: Rainproof — JIS/IEC protection class 4 (IPX4) equivalent (under Nikon's testing conditions)
- **Laser classification**: IEC60825-1: Class 1M/Laser Product, FDA/21 CFR Part1040.10: Class I Laser Product
- **Electromagnetic compatibility**: FCC Part15 SubpartB class B, EN55022, AS/NZS, VCCI class B, CU TR 020, ICES-003
- **Environment**: RoHS, WEEE

### Measurement range

<table>
<thead>
<tr>
<th>Distance display (Increment)</th>
<th>[Internal display]</th>
<th>[External display]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Act (Actual distance)</td>
<td>every 0.1 m/yd./ft</td>
<td>every 0.1 m/yd./ft</td>
</tr>
<tr>
<td>Sub-indicator</td>
<td>every 0.1 m/yd./ft</td>
<td>every 0.1 m/yd./ft (shorter than 999.9 m/yd./ft) every 1.0 m/yd./ft (1,000 m/yd./ft and over)</td>
</tr>
<tr>
<td>Hor (Horizontal distance)/Hgt (Height)</td>
<td>every 0.1 m/yd./ft</td>
<td>every 0.1 m/yd./ft</td>
</tr>
<tr>
<td>Ang (Angle)</td>
<td>Every 0.1º</td>
<td>Every 0.1º</td>
</tr>
</tbody>
</table>

### Laser Rangefinder for basic forestry and land surveys

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer.

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**WARNING**

Never look at the sun directly through optical equipment. It may cause damage to or loss of eyesight.
Compact genius. A powerful and reliable partner for forestry.

Portable and easy to operate, the Nikon Laser Rangefinder Forestry Pro II delivers accurate measurements at the press of a button.

**Measurement display modes**

1. Actual distance mode
2. Horizontal distance mode
3. Height mode
4. Angle mode
5. 2 points mode
6. 3 points mode

**Setting menus diagram**

- **Distance display unit**
  - Distances can be shown in YD (yards), ft (feet) or m (meters).
- **Target priority mode**
  - Switches between First Target Priority and Distant Target Priority mode.
- **External display backlight level**
  - The backlight level can be set from 1 to 3, or turned off.
- **Log setting**
  - Used to set the log function on or off.
- **Log list**
  - Shows the log list on the external display.
- **Log delete**
  - Deletes all logs.

**Two-point measurement** (height between two points)

Used to measure the height of a tree when both the top and base are visible. Aim at the top of the tree and press the button to measure, then do the same at the base. The height between the two points will be displayed.

**Three-point measurement** (height between two points)

Used when the top and/or base of the targeted tree is not visible. This mode measures the horizontal distance to the tree, then measures the angles to the top and base to calculate the height between the two points.

**Target priority mode**

- **1st (First Target Priority)**
  - Displays the distance of the closest subject — useful when targeting a tree in front of a forest background.
- **Distant (Distant Target Priority)**
  - Displays the distance of the farthest subject — useful when targeting a tree deep in the forest.

**External display backlight level**

- Backlight brightness can be adjusted in three levels according to the lighting conditions, ensuring easier viewing even in the depths of the forest.

**Log list**

- The log function is able to store up to 250 measurement results, which can be displayed on the external display.

**Example of log list**

- Log list: 1250 03:47
  - 1: 104.5m Act
  - 2: 13.0m Act
  - 3: 438.3m Act
  - 4: 453.7m Act
  - 5: 465.0m Act