



MONARCH 2000

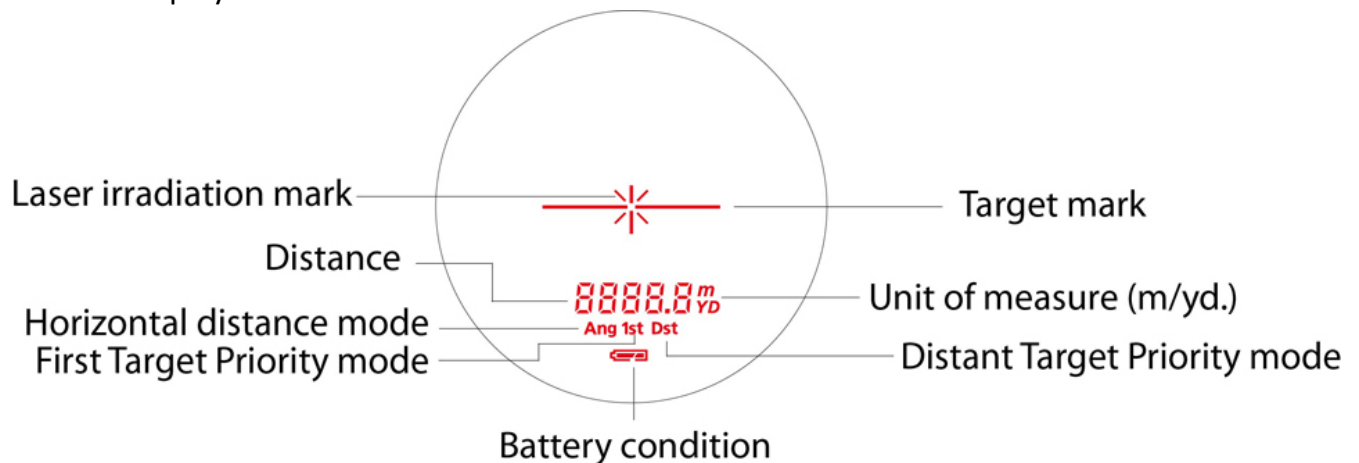


Key Features

- Measurement range: 7.3-1,820m/8-2,000 yd.*
- Red OLED internal display enables easier viewing in any situation. Automatic brightness adjustment function finetunes the display brightness according to the surrounding ambient light level.
- Quick and stable measurement response regardless of distance — HYPER READ is much evolved and displays the measurement result in approx. 0.3 second
- Single or continuous measurement (up to 8 seconds). If single measurement fails, it automatically extends the measurement until succeeding for up to 4 seconds. Keeping the button depressed enables continuous measurement for up to approx. 8 seconds.

- Horizontal Distance display mode and Actual Distance display mode can be easily switched — ID (incline/decline) Technology
- 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.
- Distance measurement display step: 0.1m/yd.
- High-quality 6x monocular with multilayer coating for bright, clear images
- Large ocular for easy viewing (18mm)
- Wide field of view (7.5 degrees)
- Long eye relief design affords eyeglass wearers easy viewing
- Dioptre adjustment function
- Compact body design for comfortable holding
- 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
- *Under Nikon's measurement conditions and reference values.
- **Based on Nikon's measurement standards.

Internal display



Display mode cycle



Specifications

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Measurement range (actual distance)		7.3-1,820m/8-2,000 yd.
Maximum measurement distance (reflective)*		1,820m/2,000 yd.
Maximum measurement distance (tree)*		1,090m/1,200 yd.
Maximum measurement distance (deer)*		1,000m/1,100 yd.
Distance display (increment)		Every 0.1m/yd.
Accuracy** (actual distance)		±0.50m/yd. (shorter than 700m/yd.) ±1.00m/yd. (700m/yd. and over, shorter than 1,000m/yd.) ±1.50m/yd. (1,000m/yd. and over)
Finder	Magnification (x)	6
	Effective objective diameter (mm)	21
	Actual field of view (°)	7.5
	Exit pupil (mm)	3.5
	Eye relief (mm)	18.0
Dimensions (L x H x W) (mm/inch)		96 x 74 x 42/3.8 x 2.9 x 1.7
Weight (excluding battery) (g/oz.)		175/6.1
Power source		CR2 lithium battery x 1 (DC 3V) Auto power shut-off (after approx. 8 sec. unoperated)
Waterproof structure		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)

MONARCH 2000	
Laser classification	IEC60825-1: Class 1M/Laser Product FDA/21 CFR Part 1040.10: Class I Laser Product
Electromagnetic compatibility	FCC Part15 SubPartB class B, EU:EMC directive, AS/NZS, VCCI classB, CU TR 020, ICES-003
Environment	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).