



### KEY FEATURES

Remote measurement solution

Point-and-shoot simplicity

Lightweight and compact

Use standalone or with a GNSS handheld

### EXTEND YOUR REACH WITH HIGH-ACCURACY MEASUREMENT OF ANY LOCATION

Take the guesswork out of field work. The Trimble® LaserAce™ 1000 rangefinder lets you capture remote measurements in situations where previously it would be impractical or unsafe to do so.

Now you can capture the measurements you need in seconds from a safe, convenient location—increasing productivity and efficiency.

A comprehensive measurement tool, the LaserAce 1000 rangefinder combines a laser distance meter, digital inclinometer, and sighting scope. Complete with Bluetooth® wireless technology, remote data is automatically integrated into GNSS workflows for a wide range of mapping and GIS applications.

#### Easy-to-use

Any user—from novice to expert—can start taking offset measurements immediately. This compact and lightweight handheld device provides simple point-and-shoot simplicity to quickly and accurately measure range, height, and slope of passive targets up to 150 meters (500 feet) away.

A large, backlit LCD allows simple navigation between measurement modes and instant verification of measurements recorded.

#### Powerful standalone measurements

With the LaserAce 1000 rangefinder, accurate measurements can be captured in hard-to-reach or inaccessible places—situations where the traditional alternative is estimation. A wide variety of applications benefit from the ability to calculate height and distance, such as determining clearance of power lines or between trees and buildings.

From a single location, users can record offsets to multiple targets, providing an efficient means of measuring distant objects to save time and cost, and increase productivity.

#### Combine with GNSS handhelds

Using Bluetooth wireless technology, the LaserAce 1000 rangefinder wirelessly transmits measurements to Trimble GNSS handheld computers, which are then seamlessly merged with current GNSS positions. As part of the Trimble family of field data collection solutions, the LaserAce 1000 rangefinder is fully compatible with Trimble Mapping & GIS field and office software for smooth integration into existing workflows.

By providing offset measurements, the LaserAce 1000 rangefinder makes it possible to remotely gather high-accuracy measurements of any location—next to buildings, under dense canopy, and even indoors, for precise mapping of all assets. Simply stand at a location with good GNSS coverage and with the click of a button remotely gather the location of objects in areas without GNSS coverage. The same workflow gives you a practical alternative to measuring objects in hazardous or inaccessible areas, such as points on a busy roadway or on the far side of a stream or fence.

#### Measurement without barriers

A powerful data collection tool by itself and an ideal complement to Trimble GNSS workflows, the Trimble LaserAce 1000 rangefinder puts the power to measure remotely in the palm of your hand.



# TRIMBLE LASERACE 1000 RANGEFINDER

## STANDARD FEATURES

### System

- Laser distance meter
- Digital compass
- Digital inclinometer
- Sighting scope with stadia hairs
- LCD graphics display
- Bluetooth version 2.0 wireless technology

### Standard Accessories

- Hand strap kit
- Carry pouch and strap
- Rechargeable Li-Ion battery
- AC power supply with international adaptor kit
- External battery charging base and adaptor plate

### Optional Accessories

- Replacement Li-Ion battery
- Replacement external battery charger with AC power supply

## TECHNICAL SPECIFICATIONS

### Physical

Size . . . . . 110 mm x 100 mm x 50 mm (4.33" x 3.94" x 1.97")  
Weight . . . . . 464 g (1 lb) with battery  
Battery . . . . . 1100 mAh rechargeable Lithium-Ion, 7.2V  
Mount . . . . . monopod/tripod (1/4 in-20 female thread)

### Environmental

Temperature  
Operating . . . . . -10°C to +45°C (+14°F to +113°F)  
Casing . . . . . Dust proof and water resistant per IP63 standard

### Laser

Eye Safety . . . . . Class 1 Eye Safe Laser distance meter (IEC / FDA)  
Optics . . . . . 5x magnification  
Passive range . . . . . up to 150 m/ 500 ft  
Range to reflector . . . . . 600 m/ 1970 ft  
Accuracy . . . . . 10 cm / 4"<sup>1</sup>  
Resolution . . . . . 1 cm / 0.4"  
Measurement time . . . . . 0.3 seconds

### Compass

Heading accuracy . . . . . .2°<sup>2</sup>  
Resolution . . . . . .0.1°

### Inclinometer

Range . . . . . -70° to + 70°  
Accuracy . . . . . .0.2°  
Resolution . . . . . .0.1°

*1 Typical accuracy at +20°C (+113°F), unit level, and 75 m (250 ft) distance from Kodak grey target.*

*2 Typical at level and in the absence of interference from local magnetic fields.*

*Specifications subject to change without notice.*

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## Earth Vector Systems

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