

# PLRF – The Rangefinder Legacy Continues<sup>+</sup>



## PLRF25C

### Pocket Laser Range Finder

- + Smallest MILSPEC rangefinder available
- + Best performance/weight ratio in the market
- + One-button, single-handed operation
- + Pocket-sized and lightweight
- + Rugged, waterproof
- + Bluetooth-compatible



# PLRF25C

## Pocket Laser Range Finder



front view



back view

### The Rangefinder Legacy continues

After its introduction in 2001, thousands of the Vectronix Pocket Laser Range Finder (PLRF) have been fielded by armed forces around the world. The PLRF product line is most accepted by professionals who need to rely on quality, innovation and performance. To meet growing demands of the defense and security industries, Vectronix has continuously improved the range finders in the critical areas of size, weight, and power - the effort was well worth it, as the result shows.

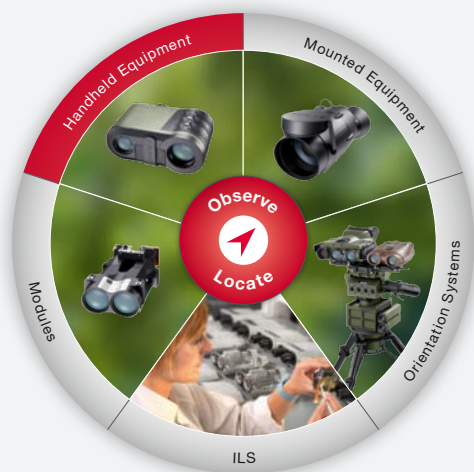
### Smallest and most powerful MILSPEC rangefinder available

The newest generation of the Vectronix Pocket Laser Range Finder offers snipers/spotters, marksmen and forward observers, the smallest, most powerful MILSPEC eye-safe Laser Range Finder available. Ranging measurements up to 4,000 m,

as well as accurate angle measurements, are no problem for the lightweight, compact unit. Weighing 500 g and measuring only 131 x 88 x 56 mm, the PLRF25C is ready for combat operation in the most extreme conditions. The PLRF25C fits easily in any pocket and is water resistant up to 1 m deep for 30 minutes (optional 10 m).

### One-Button, Single-Handed Operation

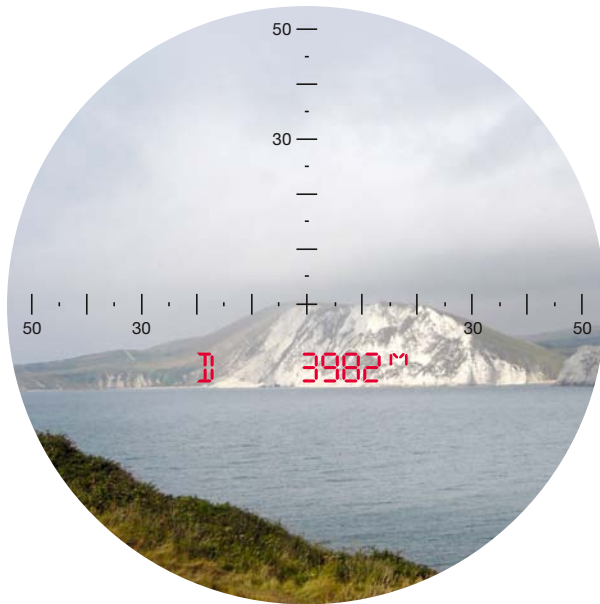
The ergonomic design of the PLRF25C allows one-handed use of the device. Little training is necessary and the one-button operation is intuitive to learn and execute, so the user's survivability increases. Power is provided by a commercial CR123 battery, sufficient capacity for more than 3,000 measurements. The PLRF25C was also designed to be maintenance-free in operation. Optional Bluetooth communication is available.



### Observe and Locate – Day and Night

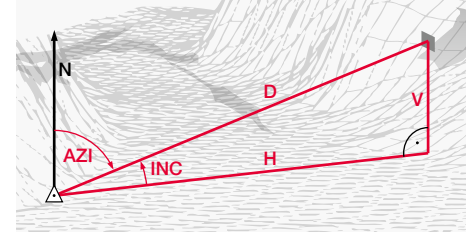
Vectronix is a global leader in state-of-the-art optronic equipment, systems and sensors for military and civil applications. Nearly 90 years of Swiss tradition and excellence in optics and precision engineering are reflected in our products – handheld laser rangefinders and night vision devices, tripod-mounted orientation and positioning systems and sensor modules for our OEM partners. Our pride is to offer our customers accurate, reliable, high quality products with combat-proven low failure rate. We possess the flexibility to address specific customer requirements, create customized solutions and provide support over the complete product life cycle. Headquartered in Heerbrugg, Switzerland, Vectronix AG is owned by Sagem (Safran group) and maintains two subsidiaries with four branches in the US.

# Ready to hand in combat



Range Performance up to 4000 m

## More than just a rangefinder



It measures and displays the polar vector from the observers position to the target and calculates and shows the horizontal and vertical distance.

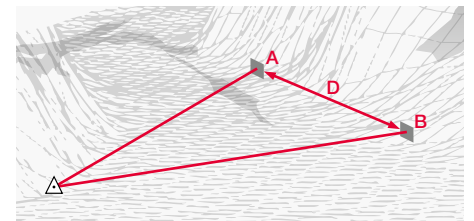
**D** Distance

**AZI** Azimuth (bearing, angle between north and object)

**INC** Inclination angle

**H** Horizontal distance

**V** Vertical distance



In addition it instantly calculates and displays the distance between two remote objects (A - B).



Small and lightweight  
Fits into pocket



1-Button, single handed operation



Rugged, waterproof

- + Intuitive handling – no training time
- + Swiss quality optics
- + Single-battery-operation
- + Maintenance-free



## Quality control

PLRF25C is subject to stringent quality controls in engineering and manufacturing – ensuring easy operation, high durability and ruggedness (tested to MIL-STD-810 and 461)



## Battlefield-tested

Today, approx. 8,000 PLRF devices are in use with Armed Forces around the world.



## Bluetooth-compatible

## Accessories



Select the best camouflage for your environment. PLRF25C is available in green, black, and desert tan.



The PLRF25C measures accurately in the dark and in low-light conditions, provided the target is visible. Image intensifiers such as the Vectronix TARSIVS16 or AN/PVS 14 and -18 can be fitted to the eyepiece of the PLRF25C to add night capability.



Vectronix provides stable, ultra light tripods for long-distance measurements. The non-magnetic carbon-aluminum construction is an ultimate basis for accurate azimuth measurements.



The new PLRF25C is compatible with most of ballistic computers available, as well as with GPS receiver such as PLGR/DAGR. RS232 interface provides a seamless integration to common C4ISR systems.

Find more portable solutions for defense and security under [www.vectronix.ch](http://www.vectronix.ch)

## Technical Data

### Optics

Magnification	6x
Field of view	6° / 106 mil

### Rangefinder

Laser type	1550 nm
Range capability	5 m to > 4000 m (2.5 km on NATO target)
Accuracy	± 2 m (50 m to 1500 m) ± 5 m (< 50 m / > 1500 m)

### Digital Magnetic Compass

Azimuth accuracy	± 10 mil / ± 0.6°
Inclination accuracy	± 3 mil / ± 0.2°

### Physical

Dimensions (l x w x h)	131 x 88 x 56 mm / 5.2 x 3.5 x 2.2 in
Weight (with battery)	500 g / 1.1 lbs

### Data interface

Standard	RS232
Optional	Bluetooth

For further specifications please refer to the product technical data sheet.



Illustrations, descriptions and technical data are not binding and may be changed.  
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