



THE RANGEFINDER LEGACY CONTINUES

# PLRF25C

POCKET LASER RANGE FINDER

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### The Rangefinder Legacy continues

Since 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 the 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 MIL-SPEC rangefinder available

The newest generation of the Vectronix Pocket Laser Range Finder offers snipers/spotters, marksmen and forward observers, the smallest, most powerful MIL-SPEC eye-safe Laser Range Finder available. Ranging measurements up to 6,000m, as well as accurate angle measurements, are no problem for the lightweight, compact unit. Weighing 430g and measuring only 131 x 88 x 55 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 60 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. Power is provided by one commercial CR123 battery, sufficient capacity for more than 5,000 measurements. The PLRF25C was also designed to be maintenance-free in operation. Optional Bluetooth communication is available.

Find more information under [www.optics1.com](http://www.optics1.com).

### Battlefield-tested

+ Today, approx. 17,000 PLRF devices are in use with armed forces around the world.

### Quality control

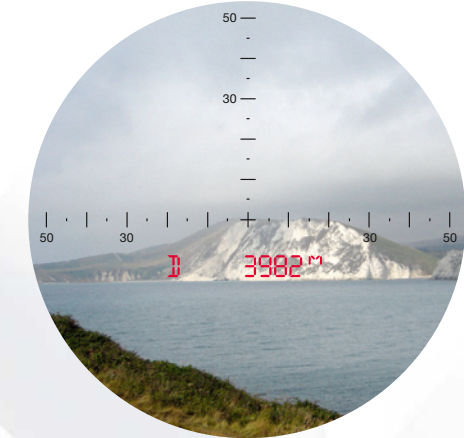
+ PLRF25C is subject to stringent quality controls in engineering and manufacturing – ensuring easy operation, high durability, and ruggedness (tested to MIL-STD-810 and -461).

### Small size and lightweight

+ Small and lightweight  
+ Fits into pocket



### Range performance up to 6,000 m



### 1-Button

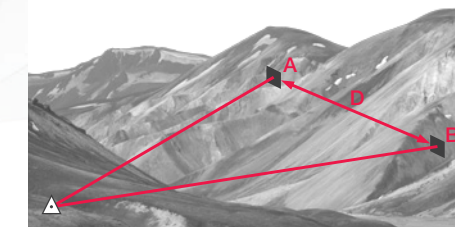
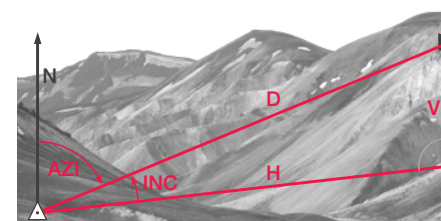
+ Single-handed operation

### Rugged, waterproof

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

### Communication

+ Rockwell Collins GPS (DAGR/PLGR II/PLGR+96)  
+ Computer or mobile devices via cable interface  
+ Bluetooth compatible





D Distance  
AZI Azimuth (bearing, angle between north and object)  
INC Inclination angle  
H Horizontal distance  
V Vertical distance

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

Optional Fall of Shot (FOS) calculation is available.

## TECHNICAL SPECIFICATIONS

Optics		Physical	
Magnification	6x	Dimensions (l x w x h)	131 x 88 x 55 mm / 5.2 x 3.5 x 2.2 in
Field of view	6° / 106 mil	Weight (incl. battery)	430g / 0.95 lb
		with shock-absorbing cover	500g / 1.1 lb
Rangefinder		Data interface	
Laser type	1,550 nm	Standard	RS232
Range capability	5 m to > 6,000 m (3 km on NATO target)	Optional	Bluetooth® (SPP)
Accuracy	± 2 m (50 m to 1,500 m) ± 5 m (< 50 m / > 1,500 m)	External GPS capability	Rockwell Collins DAGR / PLGR II / PLGR+96
Digital Magnetic Compass		For further specifications please refer to the product technical data sheet.	
Azimuth accuracy (1σ) with PPS calibration on tripod, typical (1σ)	± 10 mil / ± 0.6° ± 5 mil / ± 0.3°	 	
Inclination accuracy (1σ)	± 3 mil / ± 0.2°		

## ACCESSORIES



Select the best cover color 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 systems such as the Vectronix TARSIOUS or an AN/PVS-14 and -18 can be fitted to the eyepiece of the PLRF25C to add night viewing capability.



Vectronix tripods are stable and ultra-light 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 ballistic computers available, as well as with GPS receivers such as a PLGR/DAGR. RS232 interface provides a seamless integration to common C4ISR systems.

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