


PRODUCT 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)	430 g / 0.95 lb
		with shock-absorbing cover	500 g / 1.1 lb
Rangefinder		Data interface	
Laser type	1,550 nm	Standard	RS232, Bluetooth multipoint
Range capability	5 m to > 6,000 m (3 km on NATO target)	Optional	Integrated with Applied Ballistics Elite solver Connects to Garmin Tactix and Foretrex GPS devices Kestrel communication, FOS, PLGR DAGR
Accuracy	± 2 m (50 m to 1,500 m) ± 5 m (< 50 m / > 1,500 m)	External GPS capability	Rockwell Collins
Digital Magnetic Compass		For further specifications please refer to the product technical data sheet.	
Azimuth accuracy (1σ)	± 10 mil / ± 0.6°	<div>TESTED TO MIL-STD-810</div> <div></div>	
with PPS calibration on			
tripod, typical (1σ)	± 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 AN/PVS-14 and -18 can be fitted to the eyepiece of the PLRF25C to add night viewing capability.



Stable, ultra-light tripods are available for long-distance measurements. The non-magnetic carbon-aluminum construction is an ultimate basis for accurate azimuth measurements.



PLRF25C BLE X3 connects to many communications options with a host of cables. It can connect to external GPS solutions such as PLGR/DAGR via RS232 cable, with or without trigger button. It can also connect to select Kestrel or Garmin devices via Bluetooth.



OPTICS 1



PLRF25C BLE X3

Pocket Laser Rangefinder

PLRF25C BLE X3

POCKET LASER RANGE FINDER

The Rangefinder Legacy continues

For decades, the Pocket Laser Range Finder (PLRF) have been fielded by armed forces around the world. The PLRF25C is most accepted by professionals who rely on quality, innovation, and performance. To meet growing demands of the defense and security industries, we have 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 PLRF25C offers snipers/spotters, marksmen, forward observers, and any operator, the smallest, most powerful MIL-SPEC eye-safe LRF available. Ranging measurements up to 6,000 m, as well as accurate angle measurements, are no problem for the lightweight, compact unit. Weighing 430g and only 131 x 88 x 55 mm in size, the PLRF25C is ready for combat operation in the most extreme conditions. The device fits easily in any pocket and is water resistant up to 1m deep for 60 minutes (optional 10m).

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.

Modern Connectivity

BLE 5 provides secure communication thanks to authentication and encryption. Multi point connectivity for simultaneous communication to multiple peripherals such as BMS systems, ballistic solvers, sensor and digital scopes.

Now Integrated with Applied Ballistics Solver

An external device is no longer required for ballistics computation software. Now, when the user lases a target, the PLRF will automatically display the firing solution. The data can be entered into the user's scope in preparation for target execution.

Battlefield-tested

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

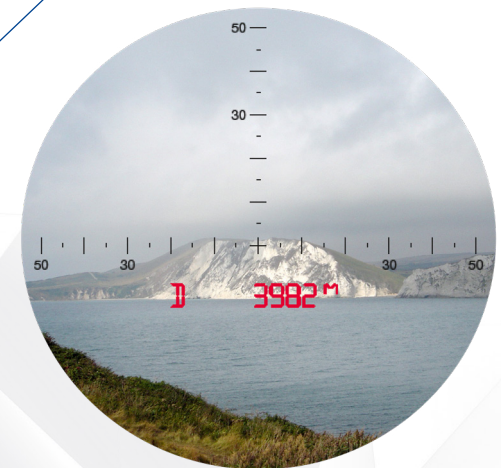
Quality control

+ 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

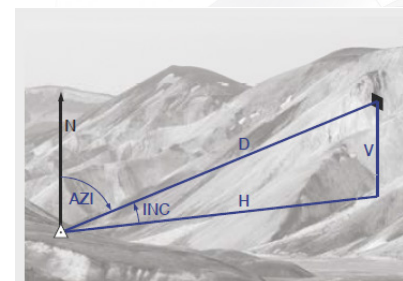
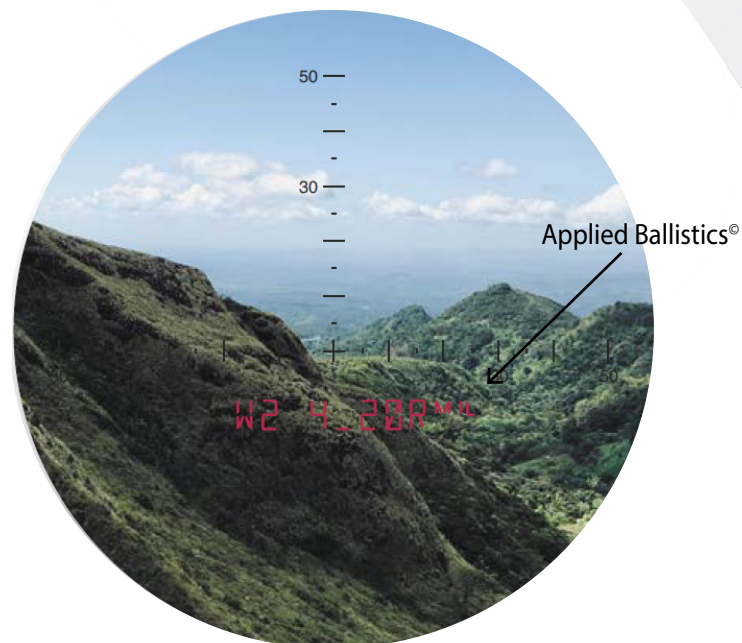
+ Single-handed operation

Rugged, waterproof

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

Communication

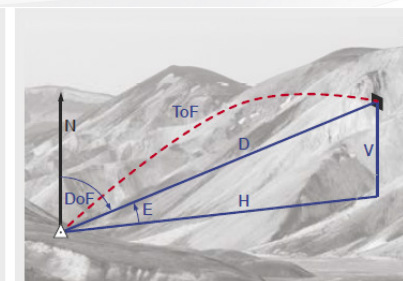
+ Rockwell Collins GPS (DAGR/PLGR II/PLGR+96)
+ Computer or mobile devices via cable interface
+ BLE 5 secure communication with authentication and encryption
+ Garmin Tactix and Foretrex external GPS devices



TARGET VECTOR

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

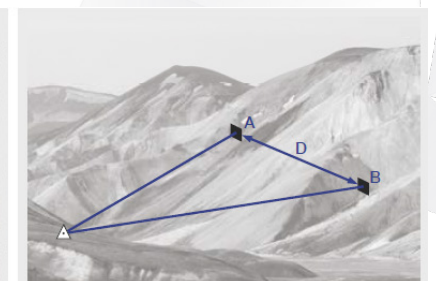
INC Inclination angle
H Horizontal distance
V Vertical distance
D Distance
AZI Azimuth (bearing, angle between north and object)



BALLISTICS

Ballistic details available for every distance measurement.

E Elevation
W1 Windage 1
W2 Windage 2
TL Target Lead
ToF Time of Flight
DoF Direction of Fire
DRP Bullet Drop



FOS

Optional Fall of Shot (FOS) calculation is available.