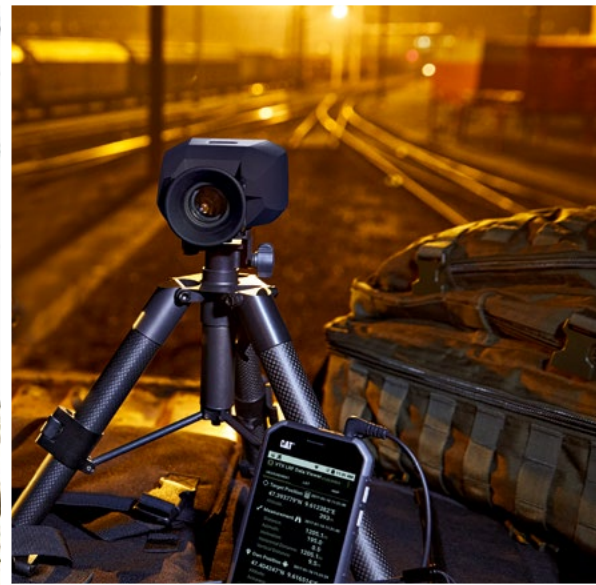




PLRF25C

Pocket Laser Rangefinder

THE RANGEFINDER LEGACY CONTINUES



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 with sufficient capacity for more than 5,000 measurements. The PLRF25C is designed to be maintenance-free in operation. Bluetooth communication is standard.



Battlefield-tested

Today, more than 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



The Rangefinder Legacy continues

After its introduction in 2001, thousands of the Safran Vectronix Pocket Laser Rangefinder (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, accuracy and performance. To meet growing demands of the defence and security industries, Safran Vectronix has continuously improved the rangefinders 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 pocket rangefinder available

The newest generation of the Safran Vectronix Pocket Laser Rangefinder offers snipers/spotters, marksmen and forward observers, the smallest, most powerful MIL-SPEC eye-safe Laser Rangefinder available. Ranging distances up to 6,000m, as well as providing accurate angle measurements, are no problem for the lightweight, compact unit. Weighing 430g and measuring only 131 x 88 x 55mm, 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 1m deep for 60 minutes (optional 10 m).

The new generation

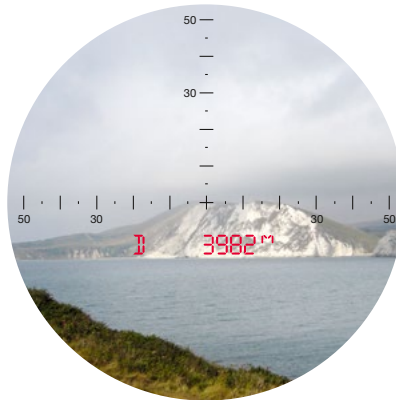
Introducing the brandnew PLRF25C BT X2, modern communication features have been further evolved and refined. The PLRF25C BT X2 is the new standard for MIL-SPEC Pocket Laser Rangefinders.

Based on the PLRF25C, the PLRF25C BT X2 additionally incorporates improved functionalities:

- decimal range results
- Bluetooth 2.0 Classic built-in
- Class 2 Bluetooth emission limitation
- Easy Pairing functionality
- Bluetooth 4.0 Low Energy built-in

Optional Kestrel® communication provides precise ballistic corrections with only one button press.

Range Performance up to 6,000 m



1-Button

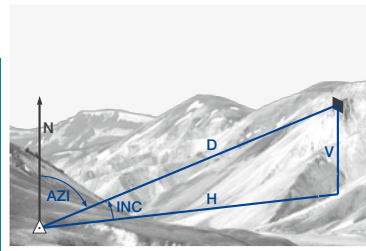
- single handed operation

Rugged, waterproof

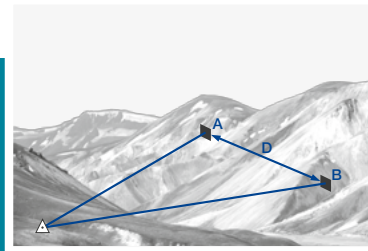
- Intuitive handling - no training time
- Swiss quality optics
- Single-battery-operation
- Maintenance-free

Communication

- Rockwell Collins GPS (DAGR/PLGR II/ PLGR+96)
- Computer or mobile devices via Bluetooth or cable interface
- Bluetooth 2.0 (Classic) and 4.0 (Low Energy) compatible



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.

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

PLRF25C
TECHNICAL DATA

OPTICS

Magnification	6x
Field of view	6°/106 mil

RANGEFINDER

Laser type	1,550 nm
Range capability	5 m to > 6,000 m (3 km on NATO target)
Accuracy	±2 m (50 m to 1,500 m) ±5 m (< 50 m / > 1,500 m)

DIGITAL MAGNETIC COMPASS

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°

PHYSICAL

Dimensions (L x W x H)	131 x 88 x 55 mm / 5.2 x 3.5 x 2.2 in
Weight (incl. battery) with shock-absorbing cover	430 g / 0.95 lbs 500 g / 1.1 lbs

DATA INTERFACE

Standard	RS232 Bluetooth 2.0 (Classic), Class 2 emission range Bluetooth 4.0 (Low Energy)
Optional	Kestrel® Communication for precise ballistic trajectory calculation
External GPS capability	Rockwell Collins DAGR/PLGR II/PLGR+96

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



ACCESSORIES



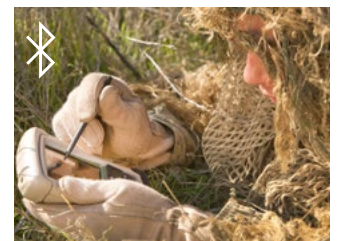
Select the best camouflage for your environment. PLRF25C is available in green, black, and desert tan.



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



Safran 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 PLRF25C is compatible with military GPS receivers such as PLGR/DAGR, dedicated ballistic computers and the Safran Vectronix LRF-Dataviewer. The RS232 serial-interface provides a seamless integration to common C4ISR system.



Find more information under
www.safran-vectronix.ch

**POWERED
BY TRUST**

Safran Vectronix AG
Max-Schmidheiny-Strasse 202, 9435 Heerbrugg, Switzerland
Phone + 41 71 726 72 00, Fax + 41 71 726 72 01, vectronix@safrangroup.com
www.safran-vectronix.ch

