



PLRF 25C BLE X3

Pocket Laser Rangefinder



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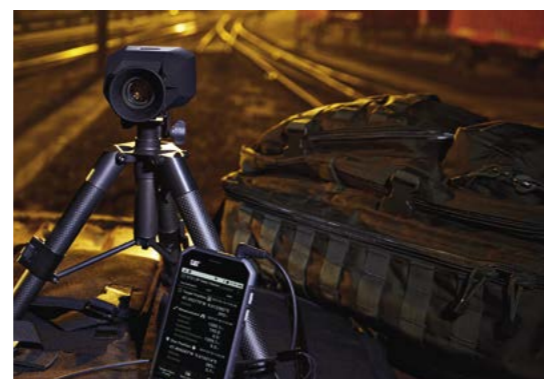
**ULTRA-COMPACT.
IMPRESSIVELY INTUITIVE.
CONNECT AT THE PUSH
OF A BUTTON.**

The ergonomic design of the PLRF 25C allows one-handed use of the device. Little training time is needed as 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 PLRF 25C is designed to be maintenance-free in operation. Secure Bluetooth low energy communication is standard.



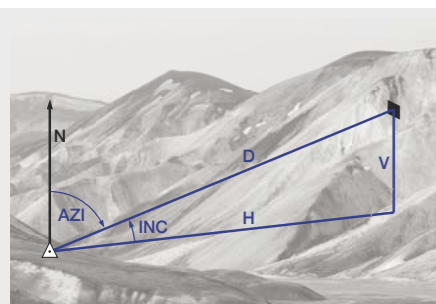
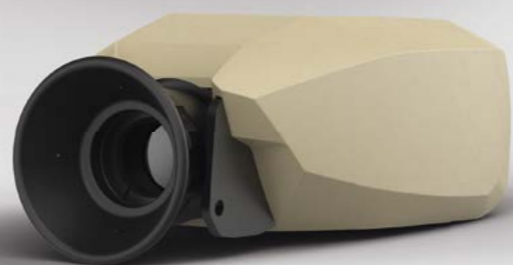
Simple, compact, powerful rangefinder in the palm of your hand.

PLRF supports wired connection via RS232 to external devices.



PLRF with STERNA interface is the smallest, lightest payload available for CAT I target locating.

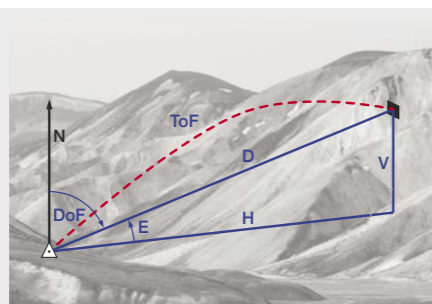




TARGET VECTOR

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

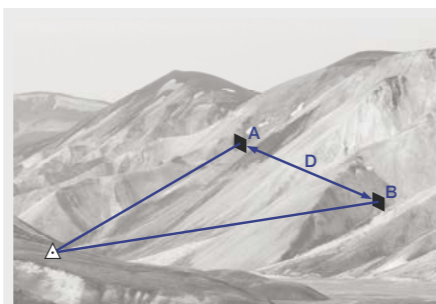
- INC Inclination angle
- H Horizontal distance
- V Vertical distance
- D Distance
- AZI Azimuth (bearing, angle between north and object)



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.



LASER RANGEFINDING

- Range Performance up to 6000 m



GARMIN COMMUNICATION

- Optional Garmin communications for data exchange with Garmin ballistic solvers for ballistic corrections at the click of a button.



APPLIED BALLISTICS

- Optional Internal Applied Ballistics Elite solver for redundancy or full stand alone use
- Pair optional Kestrel Drop D3 for live environmental
- Import existing profiles straight from Kestrel



BATTLEFIELD-TESTED

Today, more than 17000 PLRF devices are in use with Armed Forces around the world.



QUALITY CONTROL

PLRF 25C 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

- The smallest, most powerful MIL-SPEC eye-safe Laser Rangefinder available
- Fits into pocket



RUGGED, WATERPROOF

- Swiss quality
- Single-battery-operation
- Maintenance-free
- Ready for combat operation in the most extreme conditions water resistant up to 1m deep for 60 minutes



BLE 5 COMMUNICATION

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.



RANGEFINDER LEGACY

After its introduction in 2001, thousands of the 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.



ONE-BUTTON, SINGLE-HANDED OPERATION



KESTREL COMMUNICATION

Optional Kestrel® communication provides precise ballistic corrections at the click of a button.



PLGR/DAGR

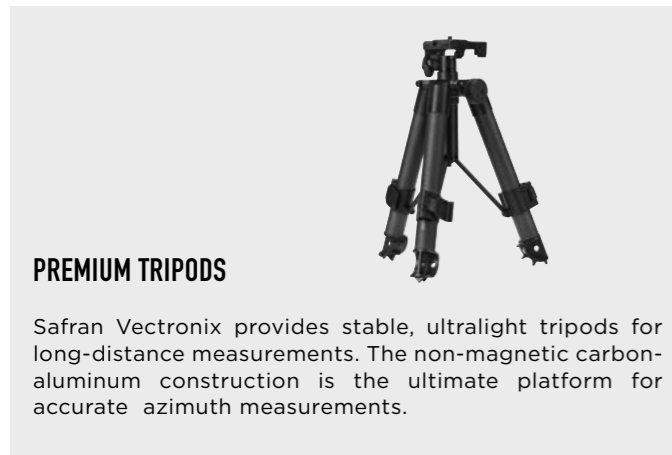
The PLRF 25C is compatible with military GPS receivers such as PLGR/DAGR. The RS232 serial-interface provides a seamless integration to common C4ISR systems.

PRODUCT VARIANTS



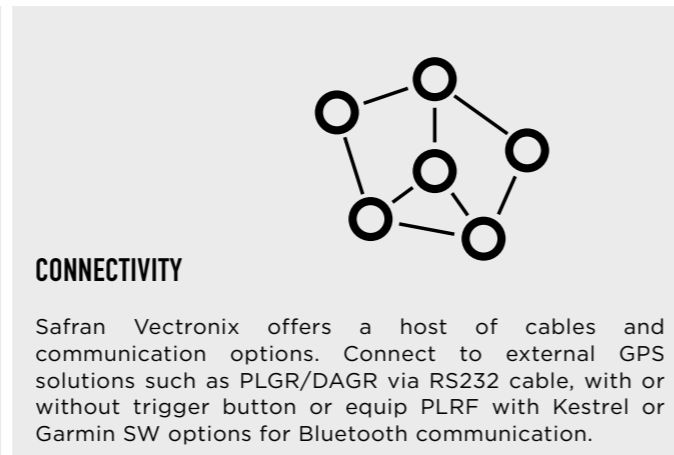
Select the best camouflage for your environment. PLRF 25C is available in green, black, and desert tan.

ACCESSORIES



PREMIUM TRIPODS

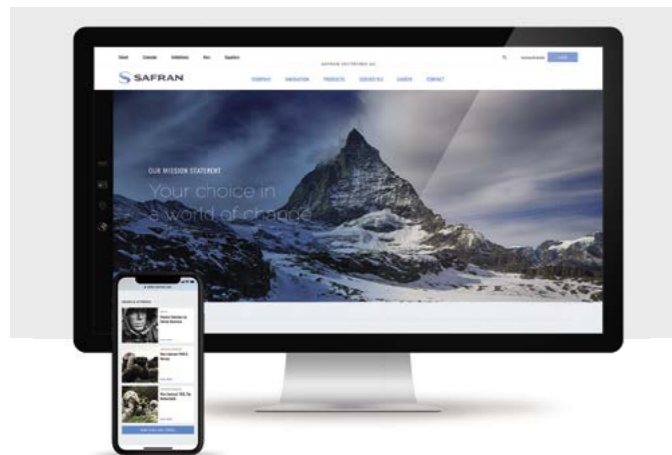
Safran Vectronix provides stable, ultralight tripods for long-distance measurements. The non-magnetic carbon-aluminum construction is the ultimate platform for accurate azimuth measurements.



CONNECTIVITY

Safran Vectronix offers a host of cables and communication options. Connect to external GPS solutions such as PLGR/DAGR via RS232 cable, with or without trigger button or equip PLRF with Kestrel or Garmin SW options for Bluetooth communication.

ADDITIONAL INFORMATION



On our website, you will find not only extensive additional information, downloads, and films, but also a direct point of contact for a product demonstration.

Visit www.safran-vectronix.ch



ULTI SENSE.

Your reliable partner for integrating innovative and tailor-made sensors used for orientation and distance measurement.

INSTALLED IN THE PLRF 25C

www.ultisense.ch

TECHNICAL DATA



OPTICS DAY

Observation	monocular
Magnification	6×
Field of view	6°/106 mil
Reticle	Glass reticle with 5 mil graduation and electronic aiming mark

RANGEFINDER (DISTANCE)

Laser type	1550 nm, class 1, eye-safe per EN 60825-1
Range capability	5m to 6000m 3000m on NATO target
Accuracy (1σ)	±2m (50m to 1500m) ±5m (<50m, >1500m)

DIGITAL MAGNETIC COMPASS (AZIMUTH AND INCLINATION)

Azimuth accuracy (1σ)	±10 mil / ±0.6°
with PPS calibration	
on tripod, typical (1σ)	±5 mil / ±0.3°
Inclination accuracy (1σ)	±3 mil / ±0.2°

PHYSICAL

Dimensions (l × w × h)	131 × 88 × 55 mm / 5.2 × 3.5 × 2.2 in
Weight ¹⁾	
with batteries	430 g / 0.95 lbs ¹⁾
with shock-absorbing cover	500 g / 1.1 lbs ¹⁾

DISPLAY

Data displayed ²⁾	slope distance, azimuth, inclination, horizontal distance, vertical distance, distance between two objects, elevation and windage corrections, time of flight, bullet drop and other functions (if so equipped) according to user manual
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DATA INTERFACE

Standard	RS-232 Bluetooth BLE 5 multipoint
Optional	integrated Applied Ballistics Elite solver, Garmin Tactix AB / 701 AB, Kestrel communication, FOS, PLGR DAGR
External GPS capability	Rockwell Collins DAGR / PLGR II / PLGR+96

¹⁾ tolerance: +15 g / +0.33 lbs

²⁾ depending on software options

Please refer to the product datasheet for additional technical specifications.

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POWERED BY TRUST

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

