

VENOM™

Optical Crosswind Ballistic Measurement



Torrey Pines Logic, Inc. is continuing to enhance patent pending technology of VENOM™ – true crosswind measurement system for long range shooting enthusiasts. VENOM™ stands for Velocity Extracted from Scintillation via Optical Measurement. A weapon-mounted wind measurement device contains all the functions of laser rangefinder, ballistic computer and other sensors, including inclinometer, thermometer, barometer, etc. VENOM™ connects to external devices such as Kestrel or PDAs. Range capability is 1800-2000 m with accuracy of measurement better than ± 0.5 mph.

VENOM takes all gun data into embedded ballistics computer, including:

- Sight height • Rifle twist rate • Ballistic coefficients
- Zero range • Muzzle velocity • Bullet diameter & weight

Target Engagement

1. Once in position, power VENOM™ ON
 - System is in standby, waiting to engage

- Gun/ballistic parameters can be verified if desired
2. When ready to engage, press either the pressure switch on the butt-stock or the ENGAGE button on the system
 3. Target is lased and range and full value crosswind is computed – environmental sensor data is acquired from internal sensors or external sensors (Kestrel)
 4. Elevation and windage holds are displayed and can be seen without having to break the cheek weld
 5. Operator holds or dials to specified elevation and windage and engages the target

Specifications

Range	Up to 2000 m
Size	4.7 x 2.55 x 1.55 in (120 x 65 x 40 mm)
Weight	300 g
Power	3 AA batteries
Mount	Picatinny rail

Target Engagement

