IMPACT® 4000

BALLISTIC RAIL-MOUNTED LASER RANGEFINDER

ELEVATOR PITCH

The Impact® 4000 takes the guesswork out of long-range shooting with quick, accurate ballistic corrections. Everything you need to generate point-and-shoot target solutions without ever coming off the gun. This advanced, rail-mounted laser rangefinder delivers key range, ballistic, and weather data via the integrated GeoBallistics® solver, on-board Environmental Sensors, and our patented Wind Bearing Capture Mode. Mounts to any picatinny-style rail or rings with a diving board mount.

WHY DID WE MAKE THIS PRODUCT?

Ballistics can be complicated, time-consuming, and require the shooter to leave the shooting position to range and calculate their solution. The Impact® 4000 solves this by providing quick and accurate wind/drop solutions without the need for the shooter to come off the gun. The rugged design and picatinny mount ensure a quick mount and zero that will hold even under heavy recoil.

WHAT IS NEW TO THE IMPACT® 4000?

- Rail-mounted design for accurate ballistic solutions without leaving the shooting position
- On-board compass and humidity, barometric pressure, and temperature sensors
- Wind Bearing Capture Mode utilizes on-board compass to capture wind direction
- Built-in Range Card Generator to create and store up to 10 range cards
- Vortex Relay™ for seamless connection to the GeoBallistics® App and Bluetooth® Remote

WHAT IS GEOBALLISTICS®?

GeoBallistics® is an accurate ballistics solver that is backed by a full, up-to-date bullet database.

HOW IS THE IMPACT® 4000 MOUNTED?

The Impact® 4000 can be mounted using the Vortex® Precision Diving Board Mounts to any Vortex® Precision Rings and Mounts, or to any picatinny rail section.

WHAT ARE THE TOP USES FOR THIS PRODUCT?

Competition, long-range shooting, and hunting.

WHAT IS WIND BEARING CAPTURE MODE?

The Impact® 4000 uses the patented Wind Bearing Capture Mode to manually input wind speed and direction. The Impact® will keep track of wind direction regardless of the direction the user is facing.

WHEN DOES THE IMPACT® 4000 NEED TO BE CALIBRATED?

The Impact® 4000 needs to be calibrated during initial setup, prior to being mounted to a gun. You should recalibrate your Impact® 4000 every time you significantly change location, typically 30 miles or more. The Impact® 4000 must be removed from your gun prior to starting calibration. Calibrate your Impact® 4000 outside and away from large metal structures or objects. Calibration is important for capturing accurate target direction, inclination angle, and wind bearing in relation to your target.

VIP WARRANTY™

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WHAT ENVIRONMENTAL DATA CAN THE IMPACT® 4000 PROVIDE AND WHAT NEEDS TO BE ENTERED?

The Impact® 4000 has on-board environmental sensors to measure temperature, pressure, and humidity. It utilizes this data to calculate density altitude. In situations where the environment has changed quickly - such as leaving a warm cabin into the winter cold - it is possible to manually enter these variables along with wind speed and direction directly on the Impact® 4000. You can also connect to a weather meter or pull wind and weather information from a local weather station from the GeoBallistics® App's Atmospherics Page.

WHAT ARE THE PRELOADED BALLISTICS PROFILES AVAILABLE WITH THE IMPACT® 4000?

The Impact® 4000 comes preloaded with 10 common ballistics profiles. The profiles include .308 Winchester, 6.5 Creedmoor®, .223/5.56, .30-06, .300 Winchester Magnum, .270 Winchester, 7mm Remington Magnum, .243 Winchester, .22-250 Remington, and .22 Long Rifle. These profiles can be used as is or duplicated and modified directly on the Impact® 4000 or via the GeoBallistics® App to be used as a starting point for a customized profile.

WHY CREATE A CUSTOM RIFLE PROFILE?

Building a custom profile for your firearm allows you to harness the total power of the GeoBallistics® solver and fine tune your corrections for maximum effectiveness in the field.

WHAT RIFLESCOPE UNITS ARE COMPATIBLE WITH THE IMPACT® 4000?

The Impact® 4000 can provide wind/drop solutions in MOA, MRAD, and inches.

HOW DO I UPDATE THE RIFLE PROFILES ON MY IMPACT® 4000?

Rifle profiles can be built and updated directly on the Impact® 4000 or on the GeoBallistics® App. While paired, any updates automatically sync. If changes are made while the devices are not paired, you will be prompted upon repairing to choose which device's profiles you'd like to use. The profiles on the device you select will then be sync'd between both devices to ensure one source of truth. From the GeoBallistics® App, you can choose which rifle profiles to push to the Impact® 4000 by moving rifle profiles to the Impact® 4000 Rifles folder. Ten rifle profiles can be stored on the Impact® 4000 at one time.

WHAT CHANGES REQUIRE A NEW RIFLE PROFILE?

Small adjustments to your firearm setup can create large effects on your solution's accuracy. We recommend creating new rifle profiles when you change bullet types, change optics, or add accessories like suppressors for the most accurate solution.

DO I NEED TO HAVE MY SMART PHONE WITH ME WHILE USING THE IMPACT® 4000?

No. The Impact® 4000 is a completely stand-alone device and does not need the GeoBallistics® App to work. It can provide range, environmentals, and manually input wind to its on-board GeoBallistics® solver to provide ballistic solutions. Rifle profiles and range cards can also be built and edited directly on the Impact® 4000.

DO I NEED CELL PHONE RECEPTION TO BE ABLE TO UTILIZE THE GEOBALLISTICS® APP WITH MY IMPACT® 4000?

No, the devices pair via Bluetooth®. It is important to note that the smart phone's Bluetooth® must be on for the devices to pair.

WHERE IS THIS UNIT MADE?

Taiwan.

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