



# ACE™

## BALLISTIC WEATHER METER

### ELEVATOR PITCH:

Reach a higher plateau of precision with the tool you need to call every shot. The Ace™ Ballistic Weather Meter puts real-time ballistics, weather, and wind information at your fingertips. Use it solo or integrate with other Vortex Relay™ products. With a simple, intuitive interface, it delivers instant DOPE adjustments and precise environmental reads for the range, competition, or your next hunt.

### WHY DID WE MAKE THIS BALLISTIC WEATHER METER?

Ballistics are notoriously complex and time-consuming. Long-range shooters and hunters struggle to gather accurate, real-time environmental data for precise ballistic calculations, especially in time-sensitive situations. Existing methods are often slow, expensive, and outdated, leading to inefficiencies and frustration. These challenges result in miscalculations that compromise shot placement, particularly in remote country or high-pressure situations where quick, reliable decisions are essential.

### WHAT MAKES THE ACE™ DIFFERENT?

- **Live Wind & Weather Data** – Real-time atmospheric and environmental data from on-board sensors.
- **Convenient On-Screen Solutions** – Easy-to-read wind and drop data on a large, intuitive display.
- **Intuitive, Familiar Interface** – Large full color display and simple navigation.
- **Integrated GeoBallistics® Solver** – Custom wind/drop solutions for your rifle and real-time conditions.
- **Customizable Ballistic Profiles** – Use presets or load your own for any shooting setup.
- **Wind Truing Capability** – Option to true your wind hold based on observed wind correction.
- **Vortex Relay™ Connectivity** – Connects to share real-time ballistic, environmental, and rifle-specific data across a suite of devices.
- **Waterproof & Shockproof** – Designed to withstand harsh weather conditions and high levels of impact.

### WHAT IS GEOBALLISTICS®?

GeoBallistics® is a powerful ballistic solver and app that makes long-range shooting easier for every level of hunter and shooter. Combining range, weather, wind, and custom rifle and bullet profiles, it's quite simply the easiest way to create quick, reliable wind/drop solutions in the field.

### WHAT IS THE VORTEX RELAY™ NETWORK?

The Vortex Relay™ network is a closed connectivity platform that ensures an instantaneous and unbreakable link between every long-range device in your kit. It delivers critical range and ballistic data without delay, offering the freedom to customize a precision toolset you can take anywhere. This network is designed to get out of your way and enhance your long-range capability and overall shooting experience.

### WHAT ARE THE TOP USES FOR THIS PRODUCT?

Western Hunting, Long-Range Shooting, and Competition Shooting. The Ace™ is both intuitive and capable and is a great tool for beginner and advanced users.

### WHEN DOES THE ACE™ NEED TO BE CALIBRATED?

The Ace™ should be calibrated during initial setup and should be re-calibrated every time you significantly change location, typically 30 miles or more, or after changing the battery. Calibrate your Ace™ outside and away from large metal structures or objects with the Wind Impeller Cover closed.

### WHAT DATA CAN THE ACE™ ON-BOARD SENSORS CAPTURE?

The Ace™ has on-board sensors to capture real-time atmospheric and environmental data. Its wind impeller can capture wind speed. The on-board compass and inclinometer can capture target direction, wind direction, and inclination angle. Its on-board environmental sensors can capture temperature, pressure, and humidity.







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### WHAT ARE THE BALLISTIC PROFILES THAT COME PRELOADED ON THE ACE™?

The Ace™ comes with 10 preloaded rifle profiles including .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 preloaded profiles can be used as is or customized to match your setup within the Ace™ or via the GeoBallistics® App.

### 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 increases the accuracy of your ballistic solutions.

### WHAT RIFLESCOPE UNITS ARE COMPATIBLE WITH THE ACE™?

The Ace™ can provide wind/drop solutions in MOA, MRAD, and inches.

### HOW DO I UPDATE THE RIFLE PROFILES ON THE ACE™?

Rifle profiles can be customized and updated directly on the Ace™ via the GeoBallistics® App, or any Vortex Relay™ compatible device. 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.

### 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 or updating rifle profiles when you change bullet types, change optics, or add accessories like suppressors for the most accurate solution. From the GeoBallistics® App these small profile changes are easy to make by building out your bullets, optics, and muzzle devices within your Armory.

### DO I NEED TO HAVE MY SMART PHONE WITH ME WHILE USING THE ACE™?

No. The Ace™ is a completely stand-alone device and does not need the GeoBallistics® App to work. Connecting to the GeoBallistics® App opens up additional App features and quick and convenient edits.

### DO I NEED CELL PHONE RECEPTION TO BE ABLE TO UTILIZE THE GEOBALLISTICS® APP WITH MY ACE™?

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?

Made in USA with US and Global Parts.

### SCAN THE QR CODE FOR FULL PRODUCT MANUAL AND RESOURCE VIDEOS

