



THE NEXT GENERATION OF
ALL-IN-ONE
WEATHER STATIONS

How do you measure 12 different weather parameters without needing 12 different sensors, complex wiring, data logger programming, and the electrical draw of a small town to power it all?

With the ClimaVue™50 G2, you get an affordable, reliable, and accurate all-in-one weather station that can be mounted wherever you need and then left to get on with the job, year after year.



A Major Upgrade on the Original ClimaVue 50

The ClimaVue 50 G2 represents a significant advancement over its predecessor, the ClimaVue 50. With enhanced features and improved performance, it stands out as one of the most advanced all-in-one weather stations available today.

Comprehensive Meteorological Measurements

The ClimaVue 50 G2 covers an impressive 12 meteorological measurements, providing comprehensive data for a wide range of applications. Whether you need something for gap-filling in a larger meteorological installation; a trusted, reliable sensor set for research projects; accurate weather data for smart city decision-making; or an alert the minute wind speeds pick up, humidity drops, and the temperature is high for a fire detection network, the ClimaVue 50 G2 has you covered. Its versatility makes it an invaluable tool for almost any weather monitoring need.

Connected to the Cloud, Hassle Free

Visualize your data and build custom reports, alerts, and dashboards in CampbellCloud™ to get you from measurement to insight in just a few clicks—wherever and whenever you need your data, always at your fingertips.

Easy Installation and Data Management

No expert knowledge of wiring or data logger programming is required to set up the ClimaVue 50 G2. Simply connect it to an Aspen™10 Edge Device, and watch as the data flow seamlessly to CampbellCloud in seconds.

Maintenance-Free Operation

Designed with just one moving part, the ClimaVue 50 G2 is built for durability and reliability. Once installed, it requires no maintenance, allowing you to focus on your data without worrying about upkeep.



What Makes the ClimaVue 50 G2 Great

Tipping Spoon and Drip Counter

The ClimaVue 50 G2 features a tipping spoon and drip counter for precise precipitation measurement, capturing everything from individual drops to full downpours.

Low Power Draw

With the lowest power consumption of any all-in-one weather station on the market at just 1 mA, the ClimaVue 50 G2 is ideal for remote locations. A small solar panel is all it needs to operate efficiently. No need for a mains power connection or a big battery.

Enhanced Wind Speed Measurement

The wind speed measurement capability of the ClimaVue 50 G2 reaches up to 60 m/s. This 100% improvement over the original ClimaVue 50 ensures accurate data even in extreme conditions and means you can trust that you'll still be collecting data even in the harshest of environments.

Leveling Base

The ClimaVue 50 G2's innovative leveling base guarantees that measurements are always taken at the same attitude, ensuring consistency and ease of installation.

The ClimaVue 50 G2 is the latest generation of all-in-one weather stations that combines advanced technology with user-friendly design. Its comprehensive measurement capabilities, maintenance-free operation, and versatile applications make it the perfect choice for anyone in need of reliable weather data.

Contact us today and find out just how quickly the ClimaVue 50 G2 can give you the data you need.





FEATURES	ClimaVue 50	ClimaVue 40	ClimaVue 50 G2
■ Air Temperature	✓	✓	✓
■ Relative Humidity	✓	✓	✓
■ Barometric Pressure	✓	✓	✓
■ Vapor Pressure	✓	✓	✓
■ Wind Speed	✓	✓	✓
■ Wind Direction	✓	✓	✓
■ Wind Gust	✓	✓	✓
■ Solar Radiation	✓		✓
■ Precipitation	✓	✓	✓
■ Precipitation Electrical Conductivity		✓	✓
■ Lightning Strike Count	✓	✓	✓
■ Lightning Strike Distance	✓	✓	✓
■ Tilt Sensor	✓	✓	✓
■ Leveling Base		✓	✓
■ SDI-12	✓		✓
■ Modbus RTU		✓	
■ 5-Pin M12	✓	✓	
■ 8-Pin M12			✓
■ 30–60 m/s Wind		✓	✓
■ Dual Precipitation Sensor		✓	✓

