



AcuRite® Atlas Elite™

AcuRite® Atlas Elite™ is a professional-grade environmental monitoring solution that helps people comprehensively understand the outdoor conditions in their specific environment. With extended range, greater durability, and near real-time updates, the Atlas Elite delivers a best-in-class monitoring solution for both weather enthusiasts and business owners. The intuitive sensor design promotes precision and reliability, allowing you to meet accuracy standards for the National Weather Service (NWS) and World Meteorological Organization (WMO).



SENSORS



Temperature / Humidity



Rainfall



Lightning



Light Intensity / UV Index



Wind Speed / Direction

- Robust design and high-grade components ensure durability, longevity, and accuracy
- The innovative modular housing design allows for easy setup, maintenance, and access to internal components
- 24-hour aspirating fan helps ensure reliable temperature readings, even when exposed to direct sunlight
- Meets wind accuracy standards of the National Weather Service (NWS) using the detachable wind cups and wind vane, which includes 30-feet of cable for optimal anemometer placement
- Rain collector is designed to meet World Meteorological Organization (WMO) standards for accuracy
- Share environmental data online that you can access anywhere with My AcuRite™ using the Atlas Elite indoor display to connect to your wireless network
- Solar powered to extend battery life
- Long-range data transmission as far as 1000 feet away

Core Feature	Update Interval (seconds)	Accuracy	Operating Range
OUTDOOR			
Temperature	30	±1°F	-40 to 158°F
Humidity	30	±2% RH	1-100% RH
Wind Speed	2	±1 mph; ≤10 mph ±10%; >10 mph	1 to 200 mph
Wind Direction	2	±3°	0 to 360°
Rain	10	±5%	0.01 inch per tip
UV Index	30	Less than 5%	0 to 16 Index
Light Intensity	30	n/a	to 120,000 Lumens
Lightning	2	n/a	Up to 25 miles away
INDOOR			
Temperature	30	±1°F	32 to 122°F
Humidity	30	±2% RH	1-100% RH
Barometric Pressure	12 mins	±0.09 inHg	16 to 32.50 inHg

