



AUTOMATIC WEATHER STATION

Smart Monitoring. Reliable Data. Anywhere, Anytime.

"Virtual" make Automatic Weather Station is a fully computerized digital and self-contained power source system, fitted with data logger and battery charging solar panel with rechargeable, maintenance free batteries complete with sensors mounted on a tripod stand with sealed waterproof IP65 enclosure for data logger, solar charger and battery.

KEY FEATURES



FULLY SOLAR POWERED

The system works 100% on solar power, making it ideal for off-grid locations.



WEATHER RESISTANT (IP 66)

IP 66 Grade (certified) enclosure for endurance against harsh weather conditions.



RETROFIT DESIGN

Designed for seamless integration and easy deployment in existing infrastructure.



COMPACT & LIGHTWEIGHT

Lightweight and compact system that can be easily installed on a pole or wall.



INTERNAL STORAGE

Internal data storage capacity ensures data safety.



REAL-TIME DATA

Continuous monitoring and real-time data transfer at configurable intervals.



NETWORK AGNOSTIC

Supports a wide range of connectivity options like GSM / GPRS / Ethernet.



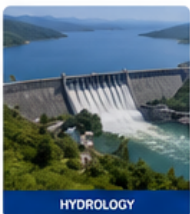
TRUSTED BY

Leading meteorological organizations/bodies, such as the India Meteorological Department, and following WMO guidelines.



IDENTITY & CONFIGURATION

Geo-tagging allows you to get the exact location of the device, consisting of latitude and longitude coordinates in telemetry Model.



HYDROLOGY



AGRICULTURE



ENVIRONMENT



TRANSPORTATION



RESEARCH & EDUCATION

SENSOR SELECTION GUIDE FOR AWS

(limited to channels availability)

- Air Temperature & Relative Humidity
- Wind Speed Sensor (3-Cup type)
- Wind Direction Sensor (Vane Type)
- Wind Speed & Direction (Ultrasonic Type)
- Rainfall Sensor
- Barometric Pressure Sensor
- Solar Radiation Sensors
- Pyranometers
- Pyranometers with Shading Ring Assembly
- Albedometers
- 2/4-Component Net Radiation Sensors
- Pyrgeometer
- Pyrheliometer (with / without solar tracker)
- Ultraviolet Sensor
- Infrared Sensor
- Quantum Sensor
- Line Quantum Sensor
- PAR Sensor
- Fog Sensor
- Visibility Sensor
- Passive Cloud Cover
- Snow Water Equivalent
- Ultrasonic Snow Depth
- Soil Moisture Sensor
- Soil Temperature
- Leaf Wetness Sensor
- Water Level (Shaft Encoder Type)
- Water Level (Pressure Type)
- Water Level (Radar Type)
- Water Level (Bubbler Type)
- Water Temperature Sensor
- Road Temperature Sensor
- Infrared Remote Temperature
- PV Module Temperature Sensor
- Evaporation Sensor
- CO₂ Sensor
- NO₂ Sensor
- O₂ Sensor
- PM 2.5 and many more.....



ORDERING GUIDE

S.N	Description	(With SS small Tripod Stand) Model No.	(With SS Tripod Stand) Model No.	(With GI Mast) Model No.
1	AWS with Data Shuttle option	AWS-VH-SSD	AWS-VH-SS2-D	AWS-VH-GM-D
2	AWS with Ethernet option	AWS-VH-SSE	AWS-VH-SS2-E	AWS-VH-GM-E
3	AWS with 2G/3G/4G WEB-based Telemetry	AWS-VH-SSS-GPRS	AWS-VH-SS2-GPRS	AWS-VH-GM-GPRS

WHAT MAKES OUR AWS THE RIGHT CHOICE



100% Solar
Powered



IP66 Weather
Resistant



Easy to Install
& Maintain



Multiple Connectivity
Options



WMO
Compliant



Maintenance
Free Battery

TYPICAL APPLICATIONS

- ✓ Hydrology & Water Resources
- ✓ Agriculture & Irrigation Management
- ✓ Environmental Monitoring
- ✓ Disaster Warning Systems
- ✓ Research & Education
- ✓ Transportation & Aviation
- ✓ Renewable Energy Monitoring

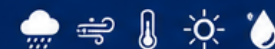


SS SMALL TRIPOD
STAND

SS TRIPOD STAND

GI MAST
WITH GUY WIRE

RELIABLE DATA FOR BETTER DECISIONS



Accurate. Autonomous. All-Weather.



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