110-WS-32 Weather Station

The **110-WS-32 Packaged Weather Stations** are based on the powerful NL32 Data logger and are configured with sensors selected to achieve the level of accuracy required for specific applications. The systems are assembled and tested as a unit prior to shipment. The standard packages include:

- *Wind Speed*
- *Wind Direction*
- *Air Temperature*
- *Relative Humidity*
- *Barometric Pressure*
- *Precipitation*
- *NL32 Data Logger*
- *Tripod & Mast*
- *Radiation Shield for temp/humidity*
- *Cables & Mounts*
- *Quick Start Guide*

Additional sensor options include solar radiation, water or soil temperature, auxiliary air temperature, evaporation, soil moisture, water level, and others.

A quick start guide is provided so the system can begin collecting data immediately using Hyperterminal or other terminal program. Other software programs are available and can be purchased with the station or added later.

Standard Station

High Accuracy Station

110-WS-32 StandardWeather Station, consisting of
 195-NL32N Data Logger in NEMA Enclosure
 200-WS-02F Cup Anemometer & Wind Vane
 225-WS-32THA Temperature & Humidity Sensor
 includes solar radiation shield
 230-WS-32BP Barometric Pressure Sensor
 260-WS-32RG Rain Gauge
 190-WS-32TM 5' Tripod & 5' Sensor Mast

110-WS-32HA High AccuracyWeather Station, consisting of
 195-NL32N Data Logger in NEMA Enclosure
 200-05103 Wind Monitor Propeller Anemometer & Vane
 225-HMP155 Temperature & Humidity Sensor
 380-41005-5 Solar Radiation Shield
 230-278 Barometric Pressure Sensor
 260-2500 Rain Gauge
 190-WS-32TM 5' Tripod & 5' Sensor Mast

110-WS-32HA-U Ultrasonic Weather Station, consisting of
 195-NL32N Data Logger in NEMA Enclosure
 200-1405-PK-021 Windsonic Ultrasonic Anemometer
 225-HMP155 Temperature & Humidity Sensor
 380-41005-5 Solar Radiation Shield
 230-278 Barometric Pressure Sensor
 260-2500 Rain Gauge
 190-WS-32TM 5' Tripod & 5' Sensor Mast

 Options
320-600-C Solar Panel Battery Charger 10W
 includes regulator and mounting hardware
195-NL32SML Display Software
195-NL32STR Graphical Display Software
195-NL32STR-H HTML Option

High Accuracy Ultrasonic Station

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