

## 110-WS-S10 Portable Weather Station

NovaLynx S10 Portable Weather Stations are the simple solution for data logging at remote sites. A range of serial-output sensors including WindSonic anemometers, MaxiMet compact weather stations, and ResponseONE ™ weather transmitters can be connected. The S10 logger time-stamps and records each data sample on a removable SD card. Daily files (.CSV format) can be read and analyzed with standard PC software.

## S10 Portable Weather Station:

- 195-SL-S10 Serial Data Logger with 2GB SD card
- SD memory card reader (USB)
- Monitoring and programming cable (USB)
- Battery and AC charger
- Sturdy carrying case (20.7" x 17.8" x 8.4")
- Optional portable tripod or tripod adapter
- Select from an extensive list of compatible sensors



S10 Portable Weather Station with 200-91000 Ultrasonic Anemometer

The S10 logger is programmed to recognize the start and end characters of each data packet that is generated by the sensor. The data is time-stamped (one-second resolution) and stored on the memory card. Indicator LEDs show logger status, and a USB output cable is available to monitor data on-site.

The low power requirement of the logger and many of the available sensors makes it possible for the unit to run for several days before the battery must be recharged. For longer operation, the included battery charger or an optional solar panel can be connected.

## **Applications**

- Agriculture
- Climatology
- Meteorology
- Forestry

- Research
- Education
- Industrial
- Mining

## **Ordering Information**

110-WS-S10DL-CC S10 Logger in Carrying Case (includes 15' cable, sensor not included\*)

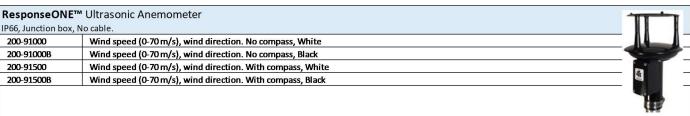
110-WS-25TM-P Tripod and Mast with Carrying Case 200-1405-TA Tripod Adapter (tripod not included)

200-1405-MS-AL-S Mast mounting stub, aluminum, slotted (WindSonic and MaxiMet sensors only)

330-0524 Additional cable, 5 conductor, 24 AWG, shielded (order per foot) 110-WS-25SP Solar Panel with Regulator, 10W (carrying case not included)

<sup>\*</sup>See back for available sensors

| WindSonic 2-Axis Anemometer                                |  |  |
|--|--|--|
| IP66 Polycarbonate construction. With connector. No cable. |  |  |
| 200-1405-PK-021  | WindSonic60: Wind speed (0-60 m/s), wind direction. Option 1 Output (RS232), No compass, Black |  |
| 200-1405-PK-068  | WindSonic60: Wind speed (0-60 m/s), wind direction. Option 1 Output (RS232), No compass, White |  |
| 200-1405-PK-400  | WindSonic75: Wind speed (0-75 m/s), wind direction. Option 1 Output (RS232), No compass, Black |  |
|  |  |  |



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|---------------------------------|---|-----|
| ResponseON<br>IP66, Junction bo | IE™ Weather Transmitter  ix, No cable.  | P   |
| 100-92000                       | Wind speed (0-70 m/s), wind direction, temperature, humidity, pressure. No compass, White   |     |
| 100-92500                       | Wind speed (0-70 m/s), wind direction, temperature, humidity, pressure. With compass, White |     |
|                                 |   |     |
|                                 |   |     |

| 100-GMX200          | onstruction, white. With connector. No cable.   |               |
|---------------------|---|---------------|
|                     | Wind speed (0-60 m/s), wind direction. With compass   | - 4.44        |
| 100-GMX200-GPS      | Wind speed (0-60 m/s), wind direction. With compass & GPS   |               |
| 100-GMX240          | Wind speed (0-60 m/s), wind direction, precipitation (optical method). With compass   | _             |
| 100-GMX240-GPS      | Wind speed (0-60 m/s), wind direction, precipitation (optical method). With compass & GPS   |               |
| 100-GMX300          | Temperature, humidity, pressure. No compass, No GPS   | 901. a        |
| 100-GMX301          | Temperature, humidity, pressure, solar radiation (W/m2). No compass, No GPS   |               |
| 100-GMX400          | Temperature, humidity, pressure, precipitation (optical method). No compass, No GPS   | MaxiMet - GMX |
| 100-GMX500          | Wind speed (0-60 m/s), wind direction, temperature, humidity, pressure. With compass  | 501           |
| 100-GMX500-GPS      | Wind speed (0-60 m/s), wind direction, temperature, humidity, pressure. With compass & GPS  |               |
| 100-GMX501          | Wind speed (0-60 m/s), wind direction, temperature, humidity, pressure, solar radiation (W/m2). With compass                      |               |
| 100-GMX501-GPS      | Wind speed (0-60 m/s), wind direction, temperature, humidity, pressure, solar radiation (W/m2). With compass & GPS                |               |
| 100-GMX550*         | Wind speed (0-60 m/s), wind direction, temperature, humidity, pressure, precipitation ready. With compass                         |               |
| 100-GMX550-GPS*     | Wind speed (0-60 m/s), wind direction, temperature, humidity, pressure, precipitation ready. With compass & GPS                   |               |
| 100-GMX551*         | Wind speed (0-60 m/s), wind direction, temperature, humidity, pressure, solar radiation (W/m2), precipitation ready. With compass |               |
| 100-GMX551-GPS*     | Wind speed (0-60 m/s), wind direction, temperature, humidity, pressure, solar radiation (W/m2), precipitation ready. With compass | & GPS         |
| 100-GMX600          | Wind speed (0-60 m/s), wind direction, temperature, humidity, pressure, precipitation (optical method). With compass              |               |
| 100-GMX600-GPS      | Wind speed (0-60 m/s), wind direction, temperature, humidity, pressure, precipitation (optical method). With compass & GPS        |               |
| Optional Rain Gauge | e for GMX550 & GMX551 (Carrying case not included)  |               |
| 100-1957-PK-069     | MM - Sensor, Kaylx Tipping Bucket Rain Gauge  |               |
| 100-1957-10-066     | MM - Cable, Tipping Bucket Rain Gauge, 20m (65 feet)  |               |
|                     |   |               |
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