



Davis EnviroMonitor Node 6810

Product Images



Short Description

The EnviroMonitor Node is an environmental and weather node that sends data from up to four sensors to an EnviroMonitor Gateway. You can create an array of sensors and collect data from microclimates and across production fields.

Description

An EnviroMonitor System is an advanced mesh network that includes a [Gateway](#) and a number of Nodes. Each Node can have up to four sensors. The Nodes transmit the sensor data to a mesh parent, either the Gateway or another Node. The Gateway then sends the data via cellular connection to WeatherLink.com. EnviroMonitor can be customised for different sized installations.

Nodes collect sensor data and transmit it to an EnviroMonitor Gateway. A variety of Davis and third-party sensors can report data to the Node including temperature, humidity, rainfall, leaf wetness, soil moisture, soil salinity, pressure, and more.

Each Gateway can receive from 20 or more Nodes. Additional Gateways can be added to your account to receive data from another set of Nodes.

Key Features

- Nodes connect over a self-optimizing mesh network and feed critical sensor data to an EnviroMonitor Gateway.
- Connect up to 32 Nodes to one Gateway with up to four sensors in each Node.
- Choose from a growing list of Davis and third-party sensors including soil moisture, temperature, salinity; flow meters, pressure switches, level sensors, and anemometers.
- Add Long Range Antennas to get communication range from Node-to-Node or Node-to Gateway of up to 10,000'/3,000 m.
- Easy sensor installation: the EnviroMonitor app walks your through installation using your phone's Bluetooth function.
- Self-contained, weather-resistant shelter is easy to mount on a post or pole.
- Solar-powered with 4 D-cell backup batteries.
- One-year manufacturer's warranty.

Additional Information

Country of Manufacture	United States
Brand	Davis Instruments
Ideal For	Professional, Agronomy