



Davis EnviroMonitor Wi-Fi/Ethernet Remote Field Monitoring System Configurator

Product Images



Short Description

The EnviroMonitor IP Gateway collects all essential data from the Nodes and pushes it securely to the Cloud server using Wi-Fi or optional Ethernet.

Description

EnviroMonitor is a revolution of precision agriculture: it gathers intelligence by measuring, monitoring and managing critical field data related to climate, irrigation, and crop production. Add almost any sensor you choose to suit your needs and microclimate. Sensor data is gathered over a secure, self-optimising, self-healing network.

An EnviroMonitor System includes a Gateway and a number of Nodes, each with up to four sensors that form an advanced mesh network operating at 868 MHz. The Nodes transmit the sensor data to either the Gateway or another Node. The IP Gateway then securely sends the data via Wi-Fi (or optional Ethernet) connection to your account at WeatherLink.com.

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. A Davis wireless or cabled Sensor Suite can also be plugged into the IP Gateway.

Requires an annual service plan and one-time hardware activation fee (see below).

Building an EnviroMonitor system is simple:

1. Add EnviroMonitor Node(s)
2. Select a wireless or cabled weather station sensor suite
3. Select additional sensors to build your custom sensor network to monitor, measure, and manage the field data that is important to you (also compatible with a growing range of third-party sensors - talk to us for details).

Not enough Wi-Fi or Ethernet coverage? Check out the [EnviroMonitor Cellular Gateway](#).

WANT SOME HELPFUL ADVICE?

Call **01243 558280**, click on the webchat box below, or fill out our [contact form](#).

Additional Information

Country of Manufacture	United States
Brand	Davis Instruments
Promotion	For more information, see our EnviroMonitors website
Explanation	<p>The IP Gateway is AC-powered with battery backup. If mounted outside, install in a Davis Universal Shelter (DI-6618).</p> <p>This product is for the UK and Europe. If you require this product for a different region, please contact us.</p>
Contents	Davis EnviroMonitor IP Gateway AC adapter Optional Ethernet cable
Ideal For	Professional, Agronomy
Typical applications	Environmental (Outdoor), Field Research, Weather Monitoring
Measurements	Barometric Pressure, CO2, Dew Point, Evapotranspiration, Flow, Humidity, Leaf Wetness, PAR/Quantum Light, Pressure, Rainfall, Salinity, Soil Moisture, Solar Radiation, Temperature, UV, Water Temperature, Weight, Wind Direction, Wind Speed

Additional Options

Cabled Integrated Sensor Suite options	Cabled Vantage Pro2 Sensor Suite (DI-6322C)
	Cabled Vantage Pro2 GroWeather Sensor Suite (DI-6820C)
	Cabled Vantage Pro2 GroWeather Sensor Suite - Daytime Fan (DI-6344C)
	Cabled Vantage Pro2 Plus Sensor Suite (DI-6327C)
Select number of Nodes	EnviroMonitor Node (DI-6810)
Select optional temperature sensors	Air/Water/Soil Temperature Probe (Stainless Steel) with RJ Connector (DI-6475)
	Air/Water/Soil Temperature Probe (Plastic) with RJ Connector (DI-6477)
	Temperature/Humidity Sensor with 24-hour Fan-Aspirated Radiation Shield (DI-6832)
	Temperature/Humidity Sensor with 24-hour Passive Radiation Shield (DI-6830)
	RJ Connector node adaptor (DI-6860)
Select optional additional sensors	AeroCone Rain Collector with Vantage Pro2 Pole Mount Base (DI-6466M)
	Watermark Soil Moisture Sensor (DI-6440)
	Leaf wetness sensor (DI-6420)
Select Gateway Data Plan (12 months)	Gateway Data Plan - 5 Minute Upload Interval (DI-6892A)
	Gateway Data Plan - 15 Minute Upload Interval (DI-6894A)
	Gateway Data Plan - 60 Minute Upload Interval (DI-6896A)
Mounting Options	Universal Mounting Pole Kit (WS-7717) (Limited Offer)!
	Universal Crank-shaped Mounting Pole Kit (WS-7715-CRANK)
	Davis Mounting Pole Kit (DI-7717)
	Davis EZ-Mount Tripod (DI-7716-00)
Activation fee	Data Plan Activation Fee (one off)