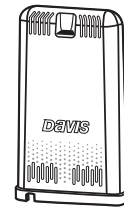


IP Gateway



6805

EnviroMonitor® System

An EnviroMonitor System is an advanced mesh network that includes a Gateway and up to 32 Nodes. Each Node can have up to four sensors. The Nodes transmit the sensor data to a mesh parent, either the IP Gateway or another Node. The IP Gateway then sends the data via Wi-Fi or Ethernet connection to WeatherLink.com.

General

Operating Temperature	32° to +140°F; 0° to +60°C
Average Current Draw	100 mA
Peak Current	700 mA
Housing Material	Rugged ABS Plastic
Dimensions (height X width x depth)	7 X 4 X 1.25 inches; 18 X 10 X 3 cm
Weight (without batteries or AC adapter)	0.48 lbs. (0.22 kg)
Backup Batteries	4 AA (not included)
Battery Life	5 days
AC Adapter	5 VDC, 1000 mA
Wi-Fi Frequency Range & Power	2412-2472 MHz, 802.11b/g/n; less than 72mW
BLE Frequency Range & Power	2402-2480 MHz, less than 1mW

Barometric Pressure Sensor Data (internal sensor)

Resolution and Units	0.001" Hg, 0.1 mm, 0.1 hPa, 0.1mb. (user selectable)
Range	16.00" to 32.50" Hg, 410 to 820 mm Hg, 540 to 1100 hPa or mb
Elevation Range	-1500' to +15,300' (-460 m to 4670 m)
Uncorrected Reading Accuracy	±0.03" Hg (±0.8 mm Hg, ±1.0 hPa/mb) (at room temperature)
Sea-Level Reduction Equation Used	Altimeter
Equation Accuracy	±0.01" Hg (±0.3 mm Hg, ±0.3 hPa/mb)
Elevation Accuracy Required	±10' (3m) to meet equation accuracy specification
Trend (change in 3 hours)	Change ±0.06" (2.0 hPa/mb, 1.5 mm Hg) = Rapidly Change ±0.02" (0.7hPa/mb, 0.5 mm Hg) = Slowly
Range for Rising and Falling Trend Alarms	-0.255 to 0.255" Hg (-6.5 to 6.5 mm Hg, -8.6 to 8.6 hPa/mb)
Update Interval	1 minute

Weather Station Wireless Communications

Transmit/Receive Frequency and Channels: *All bands are license-free.*

Receive Frequency

US Models	902.0 - 928.0 MHz FHSS
EU Models	868.0 - 868.6 MHz FHSS
Australia/Brazil Models	918.0 - 926.0 MHz FHSS
New Zealand/Peru Models	921.0 - 928.0 MHz FHSS
India Models	865.0 - 867.0 MHz FHSS
Russia Models	868.7 - 869.2 MHz FHSS

ID Codes Available 8

Range

Line-of-Sight	up to 1000 feet (300 m)
Through Walls	200 to 400 feet (60 to 120 m)

Package Dimensions

Product #	Package Dimensions (Length x Width x Height)	Package Weight	UPC Code
6805	13.0" x 6.6 " x 3.25" 33 x 16 x 8 cm	1 lb. 8 oz 689 g	011698013364