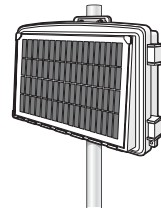


EnviroMonitor[®] Gateway



6800
6801

EnviroMonitor[®] System

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 customized for different sized installations.

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.

General

- Operating Temperature -40° to +140°F; -40° to +60°C
- Charging Temperature -4° to +120°F (-20° to +49°C)
- Storage Temperature -40° to +140°F; -40° to +60°C
- Current Draw 25mA typical, 1A peak
- Housing Material Rugged ASA Plastic
- Dimensions (width x height x depth) 13.75 X 10 X 4.15 inches
(34.9 X 25.4 X 10.5 cm)
- Weight 8.50 lbs. (3.86 kg)
- Battery
 - Type 6 volt, 12 Ah, gel cell with quick disconnect
0.250" x 0.032" (6.35 mm x 0.81 mm) tabs
 - Replacement Part Number 7011.025
 - Charging Temperature -4 to +120°F; -20 to +49°C
- Solar Panel (@ 1000w/m²)
 - Nominal power 5W
 - Voc 21.6V
 - Isc 301mA
 - Vmp 18V
 - Imp 277mA
- Cellular Communication
 - 6800 800/1900 MHz (1xRTT)
 - 6801 850/900 MHz (GSM)
1800/1900 MHz (DCS/PCS)
B1, B2, B4, B5, B8 (UMTS)

Transmit/Receive Frequency and Channels

All bands are license-free.

Region	No. of Channels	Min. - Max. Frequency	Output Power
USA	51	902 - 928 MHz	902 - 928 MHz FHSS; less than 25 mW
EU	5	868.0 - 868.6 MHz	868.0 - 868.6 MHz FHSS; less than 25 mW
Australia	51	918 - 926 MHz	918 - 926 MHz FHSS; less than 25 mW
New Zealand	51	921 - 928 MHz	921 - 928 MHz FHSS; less than 25 mW
India	19	865 - 867 MHz	865.0 - 867.0 MHz FHSS; less than 25 mW
Brazil	51	918 - 926 MHz	918 - 926 MHz FHSS; less than 25 mW
Peru	51	921 - 928 MHz	921 - 928 MHz FHSS; less than 25 mW

Certifications

- FCC
- CE
- IC

Package Dimensions

Product #	Package Dimensions (Width x Length x Depth)	Package Weight	UPC Code
6800	12.25 x 16.25 x 6.5	10lbs 2 oz	011698012633
6801	31.1 x 41.3 x 16.5cm	4.60 kg	011698012831