



WatchDog Sensor Pup (2.4 GHz - International)

Product Images



Short Description

WatchDog Sensor Pups

- Connect up to 4 external sensors via 2.5mm stereo-plug
- Can monitor high, low, current, and average values for each sensor during each logging period

Description

Each Sensor Pup within the network is compatible with a diverse number of sensors and offers flexibility by allowing the grower to monitor the sensor inputs they require.

- Pups are available in 3 types: Sensor Pup, Station Pup, and Repeater Pup
- Single button operation: check battery status, signal strength, and join sensor network
- Tri-colored LEDs indicate battery level, signal strength, and data communication status
- Includes six non-rechargeable AA batteries (8 months typical life)
- Communication range of 2,500 ft (about 1/2 mile), line-of-sight installation recommended between Pups or Retriever
- Pups are available in both 900 MHz (US customers) and 2.4 GHz bands (international customers)

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External Sensors

- Customize each WatchDog Pup to monitor only the parameters you need
- Most Spectrum sensors are Pup-compatible, including :
 - Soil Moisture Sensors (WaterScout SM 300, WaterScout SMEC 300, and Watermark sensors)
 - LightScout Light Sensors (Solar Radiation, UV, and Quantum light)
 - Leaf Wetness Sensors
 - Temperature and Humidity Sensors
 - Barometric Pressure Sensors
 - CO₂ Sensors
 - Rainfall and Wind Speed/Direction Sensors (available late-2015)

Additional Information

Promotion	This product has been superseded by the Spectrum WatchDog Sensor Pup (868 MHz UK/Europe)
Brand	Spectrum Technologies
Contents	Product Manual Pup unit (labeled on enclosure & inside) USB flash drive, preloaded with launch software, USB to 3.5mm Stereo Plug Cable (item 3661U) Each Retriever or Pup unit should also be accompanied by a parts box containing the following: Antenna & antenna stabilizer sleeve 6 AA batteries (OR rechargeable battery pack—3910S only) Mounting bracket U-bolt, clamp, and nuts Screws (2) for back of unit Station connection cable (Station Pup only)
Ideal For	Agronomy
Power	Battery only
Outdoor Unit	Enclosure <ul style="list-style-type: none">• Reliable, waterproof IP65 enclosure• Weatherproof glands for sensor cables• Lockable front door with the use of a padlock (not included) Mounting <ul style="list-style-type: none">• Mounting bracket allows vertical or horizontal orientation• Mounting hardware included - 1-¼ inch U-bolt• Antenna connection can be extended for higher placement for additional range between Pups & Retriever (antenna extension sold separately)
Sensors	External Sensors <ul style="list-style-type: none">• Customize each WatchDog Pup to monitor only the parameters you need• Most Spectrum sensors are Pup-compatible, including:<ul style="list-style-type: none">- Soil Moisture Sensors (WaterScout SM 300, WaterScout SMEC 300, and Watermark sensors)- LightScout Light Sensors (Solar Radiation, UV, and Quantum light)- Leaf Wetness Sensors- Temperature and Humidity Sensors- Barometric Pressure Sensors- CO₂ Sensors- Rainfall and Wind Speed/Direction Sensors (available late-2015)
Dimensions	9.5 x 5.2 x 20.2 cm
Batteries	6 X AA
Power	DC Port for Optional AC/DC / Optional Solar Package Available