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# Spectrum WatchDog Sensor Pup (868 MHz UK/Europe)

## Product Images

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## Short Description

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### 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

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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 also available in 2.4 GHz band (international customers)

### 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

### External Sensors

- Customise 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
  - CO<sub>2</sub> Sensors
  - Rainfall and Wind Speed/Direction Sensors.

## Additional Information

Brand	Spectrum Technologies
Contents	<p>Product Manual Pup unit (labelled on enclosure &amp; inside) USB flash drive, preloaded with launch software USB to 3.5mm Stereo Plug Cable (item 3661U) Parts box containing: Antenna &amp; antenna stabiliser 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)</p>
Ideal For	Agronomy
Outdoor Unit	<p><b>Enclosure</b></p> <ul style="list-style-type: none"><li>• Reliable, waterproof IP65 enclosure</li><li>• Weatherproof glands for sensor cables</li><li>• Lockable front door with the use of a padlock (not included)</li></ul> <p><b>Mounting</b></p> <ul style="list-style-type: none"><li>• Mounting bracket allows vertical or horizontal orientation</li><li>• Mounting hardware included - 1-¼ inch U-bolt</li><li>• Antenna connection can be extended for higher placement for additional range between Pups &amp; Retriever (antenna extension sold separately)</li></ul>
Sensors	<p><b>External Sensors</b></p> <ul style="list-style-type: none"><li>• Customise each WatchDog Pup to monitor only the parameters you need</li><li>• Most Spectrum sensors are Pup-compatible, including :</li></ul> <ul style="list-style-type: none"><li>- Soil Moisture Sensors (WaterScout SM 300, WaterScout SMEC 300, and Watermark sensors)</li><li>- LightScout Light Sensors (Solar Radiation, UV, and Quantum light)</li><li>- Leaf Wetness Sensors</li><li>- Temperature and Humidity Sensors</li><li>- Barometric Pressure Sensors</li><li>- CO<sub>2</sub> Sensors</li><li>- Rainfall and Wind Speed/Direction Sensors.</li></ul>
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