



# Spectrum WatchDog Retriever (868 MHz UK/Europe)

## Product Images



## Short Description

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The WatchDog Retriever is a key component of the Retriever & Pups wireless sensor network. All sensor data acquired by the in-field Pups is funneled to the Retriever for logging and communication

## Description

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Retriever logs sensor data from its network of Pups (max 16 Pups per network).

- Single button operation: switch modes, download data, upload configuration, and check battery status
- Tri-colored LEDs indicate mode, battery level, data communication status, and configuration status
- Non-volatile memory preserves your logged data, even when the batteries are removed
- Transfer data or configuration information via flash drive or direct PC connection
- Internal flash memory on the Retriever will hold approximately 6 months of data for a 10 Pup network using 15 minute logging intervals
- Spectrum-supplied USB flash drive will hold several years of data at the Retriever for a 10 Pup network using 15 minute logging intervals
- 3.5mm stereo port for computer connection USB cable (included)
- AUX port for wireless (DataScout Cellular or WiFi modem) communication connection
- Includes six non-rechargeable AA batteries (8 months typical life)
- DC port for optional AC/DC power adapter (Max 17VDC)
- Optional solar package includes rechargeable battery pack (2200 mAh, 7.2V NiMH), and 5W solar panel
- Retrievers are also available in 2.4 GHz band (international customers)
- Retriever & Pups Launch Utility software included on USB flash drive

## Additional Information

|              |   |
|--------------|---|
| Brand        | Spectrum Technologies   |
| Contents     | Product Manual<br>Pup unit (labelled on enclosure & inside)<br>USB flash drive, preloaded with launch software<br>USB to 3.5mm Stereo Plug Cable (item 3661U)<br>Parts box containing:<br>Antenna & antenna stabiliser sleeve<br>6 AA batteries (OR rechargeable battery pack—3910S only)<br>Mounting bracket<br>U-bolt, clamp, and nuts<br>Screws (2) for back of unit<br>Station connection cable (Station Pup only)  |
| Ideal For    | Agronomy  |
| Outdoor Unit | <b>Enclosure</b> <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> <b>Mounting</b> <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> |
| 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   |