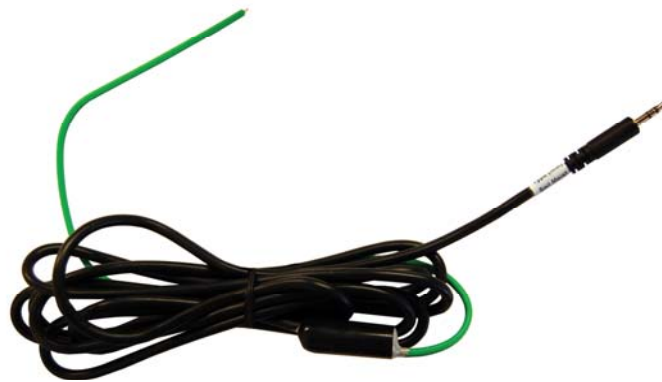


# WatchDog Watermark Sensor Adapter

## PRODUCT MANUAL

Item # 6450AH

Thank you for purchasing the WatchDog Watermark Sensor Adapter. This device allows you to connect Watermark sensors that are now being read with a handheld reader to a WatchDog data logger or weather station. The green wire on the adapter is identical to the green sensor wire for the sensor. The bulb that connects the green wire to the black sensor cable contains electronics that make the sensor compatible with the WatchDog DC excitation pulse.



### Sensor Connection

The adapter is connected to the sensor by splicing together the green wires. The Watermark sensor has no polarity so it is not necessary to any specific sensor wire to a specific adapter wire.

1. Cut the eyelet terminals from the Watermark sensor. Strip 3/8" (1 cm) of insulation from the bare ends.
2. Split the end of the green adapter cable into its two individual wires. Strip 3/8" (1 cm) of insulation from each end.
3. Join one sensor and one adapter wire together by twisting the exposed metal ends. Repeat for the other pair of wires.
4. Screw one wire nut (included) onto each of the twisted metal connections.

If the connection will be buried or otherwise exposed to the elements, it should be waterproofed. This can be accomplished in a number of ways depending on the application. Some options are silicon caulk, shrink tubing, or waterproof bags.

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