



## WATERMARK Monitor — 900M

### Specifications—

**COMPATIBILITY:** Reads WATERMARK Soil Moisture Sensors, Soil Temperature Sensors (F or C), switch closures, IRROMETER Soil Moisture Sensors with electronic outputs (options “RSU-V” & “RSU-C”) and tipping bucket rain gauges. Directly interfaces with WaterGraph software for data transfer and display. Directly interfaces with Model 900DS Data Shuttle device. Serial and USB ports, SDI-12 data output available.

**POWER REQUIREMENTS:** Includes one 9 volt alkaline battery for approximately one year of service.

**MATERIALS:** Conformal coated electronic circuit board with aluminum faceplate mounted in weatherproof ABS plastic enclosure.

**DIMENSIONS:** HEIGHT: 9.75 in (24.8 cm) WIDTH: 7.9 in (20 cm)

DEPTH: 3.5 in (8.9 cm)

WEIGHT: 2 lb (.9 kg) (900M-O – monitor only, no sensors)

## Cellular Gateway & Battery Pack – 900M-CG/BP

Cellular Gateway provides high speed cellular connectivity for wireless transmission of data collected by Monitor (900M). Sealed, maintenance free battery pack includes solar recharging panel with charge controller, and outdoor enclosure, mounting kit and 9 ft. (2.7 m) cable

**DIMENSIONS:** HEIGHT: 9.75 in (24.8 cm) WIDTH: 7.9 in (20 cm)

DEPTH: 3.5 in (8.9 cm)

WEIGHT: 6.5 lb (2.95 kg) (900M-CG/BP only)

## WATERMARK Soil Moisture Sensor

**MATERIALS:** ABS plastic caps with stainless steel body over a hydrophilic fabric covered granular matrix.

**DIMENSIONS – DIAMETER:** .875 in. (22 mm) **LENGTH:** 3.25 in. (83 mm)

**WEIGHT:** .147 lb. (.067 kg) – with 5 ft. lead **WIRE LEADS:** AWG 20, 2 leads

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## System Features:

- Cellular Gateway uploads data to the Web for 24/7 access
- Gateway includes Solar Powered Battery Pack
- Operates on AT&T or Verizon Network
- 900M Monitor Automatically reads WATERMARKS, Temperature Sensors, optional Rain Gauge & Pressure Switch at user defined intervals
- **WATERGRAPH** software included for graphic data display on a Windows® computer
- Up to Eight Sensor capacity
- Up to 1000' (304.8 m) between WATERMARK and 900M monitor - with 18 AWG wire
- In-field display of current readings
- Weatherproof enclosure with two strain relief fittings for wiring connections, predrilled mounting hole pattern
- USB and Serial download ports
- User creates unique names for identifying logger and sensors

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