INSTALLATION AND OPERATING INSTRUCTIONS

WATERMARK
Model 900M-RGA
Rain Gauge Adapter
For 900M Monitors with Serial Numbers Lower than 20000

IRROMETER
Rain Gauge Adapter
Converts Rain Gauge output to voltage
Rain Gauge Monitor
a b Ground

WATERMARK
Monitor
900M
**Rain Gauge Adapter**

The Rain Gauge Adapter (900M-RGA) is used to convert the 900RG Rain Gauge to be read by the Watermark Monitor (900 series) manufactured prior to 2016 with Serial Numbers lower than 20000. It comes in an outdoor mountable package and includes a 9 volt battery. Updated WaterGraph software is included that will display the rain data. Software provides selection for periodic or daily rainfall totals.

The 900 series Watermark Monitor, manufactured prior to 2016, is not designed to read tipping bucket style rain gauges directly. This requires an event counting type of datalogger. In order to read such devices with the previously manufactured 900 series WATERMARK Monitor, the Rain Gauge adapter can be added to the circuit between the Monitor and the Rain Gauge (#900RG). It counts the tips and converts the number into a voltage value that the datalogger can read. Then the software converts the voltage value into the appropriate value, such as inches of rainfall that displayed on the graph.

Other devices that provide an open/closed switch event to register a value can be adapted to use with the RGA, such as an electronic atmometer (ETgage Model E). The graphing software will represent the value as inches, such as for rainfall.
Rain Gauge Adapter Wiring

Rain Gauge Adapter must be connected to Port 8 on the Monitor and only one adapter can be used per Monitor.

Firmware Version 3.1 or newer must be on the Monitor being used.

WaterGraph software Version 3.1 or newer must be used on the associated computer.

YELLOW & RED to Rain Gauge
BLUE to Port 8a
WHITE to Port 8b
BLACK to Ground
WARRANTY: The IRROMETER COMPANY warrants its products against defective workmanship or materials under normal use for one year from date of purchase. Defective parts will be replaced at no charge for either labor or parts if returned to the manufacturer during the warranty period. The seller’s or manufacturer’s only obligation shall be to replace the defective part and neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or inability to use the product. This warranty does not protect against abuse, shipping damage, neglect, tampering or vandalism, freezing or other damage whether intentionally or inadvertently caused by the user.