



VG7000 Data Collector

For use with EM-7000 meters

Overview

The H2O Degree VG7000 data collector collects and stores data from H2O Degree EM-7000 meters.

The VG7000 receives data from the meters on a regular basis (typically every 120 seconds) from up to 200 meters.

The VG7000 is connected to the H2O Degree automatic meter reading system so that kWh data can be viewed and analyzed via a password protected website from anywhere internet access is available.

Features

- The H2O Degree VG7000 data collector is a data accumulator that stores data from up to 200 H2O Degree EM-7000 meters.
- Meter data is gathered by the H2O Degree IT1000 series gateway from the VG7000 data collector on a routine basis, typically every 10 seconds.
- The EM-7000 electric meters transmit their data every 120 seconds. The data from all of the meters is received by the VG7000 data collector.
- One or more VG7000 data collectors can be polled by the H2O Degree IT1000 series gateway. The VG7000 data collector communicates using MODBUS over Ethernet with the H2O Degree IT1000 series gateway.
- The IT1000 gateway polls the VG7000 data collectors and then buffers the serial number and the kWh reading for each electric meter. The IT1000 gateway sends the serial number and kWh data to the H2O Degree server over the Internet once every data reporting interval (typically once per hour.)



Ordering Information

Model	Description
VG7000	VG7000 Data Collector for EM-7000 meters

1/2016



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Technical Specifications

Electrical

Voltage input: 100-120 volts AC, 50/60 Hz to external three prong power cord.
Current: less than 2 amps typical, (10 watts)

Environmental

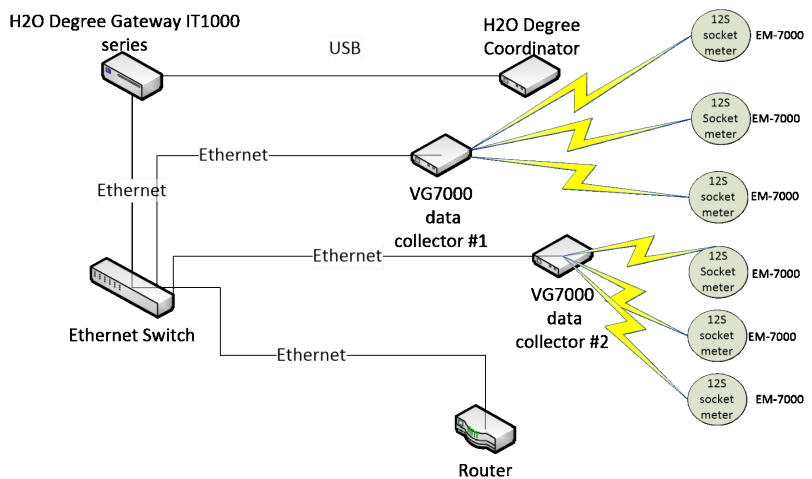
Operating temperature: 0 to 50 degrees C

Physical

(H x W x D) 3 x 5 x 6.875 inches
Color: Gray
Weight/shipping weight: 1.5 lbs.

Warranty

18 months



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