



industrial
extensible
easy

wattmetrics | Commercial Acquisition Agent

WattMetrics' engineers have brought over 20 years combined experience building data acquisition systems to the design of our Commercial Acquisition Agent. The result leads the industry in robustness, flexibility and ease of use.

One Platform

Versatile

The Commercial Agent works with all data sources supported by WattMetrics. A single Agent can support dozens of data sources simultaneously. Commercial Agents have built in support for RS-485, RS-232 and USB communications.

Extensible

Support for new data sources (for inverters, etc..) can be downloaded from WattMetrics as they become available. Customers can leverage their investment in a WattMetrics system to include data from new equipment at any time.

Secure

Onboard data storage for weeks or months (depending on acquisition resolution) without network access with no loss of data. All data is stored on battery-backed, encrypted media.

Accurate

Standard record resolution is 5 minutes, oversampled at 1 minute intervals. One minute record resolution also available.

Easy Install

Self-configuring

Each Agent automatically 'discovers' and starts gathering data from any data source supported by WattMetrics. No installer intervention with the Agent is required.



No Special Network Configuration

All Agent communications with wattmetrics.com is via secure, firewall-friendly HTTPS. As long as standard DHCP and port 80 access is available, no special network configuration is required.

Stockable

Units can be preconfigured for stocking by WattMetrics partners. Installers can complete their projects on their own schedules.

Industrial-Grade

Conduit-ready polycarbonate enclosure is NEMA 4, IP 65 rated.

Industrial temperature rating of -30 to + 70°.

Transflective 4x80 character integrated display is easy to read indoors or out. It provides immediate feedback to installers regarding Agent and communications status.

Dedicated Support

Remote Diagnostics

All WattMetrics Agents include extensive remote diagnostic capabilities. Inverter misbehaving? We can help you pinpoint exactly what the problem is.

Remotely Updatable

If a change is necessary, we can deploy new capabilities to the Agent quickly and securely at any time.

Specifications

Dimensions: 235 x 185 x 199 mm (9.25 x 7.4 x 7.9 inches).

Enclosure: polycarbonate, conduit-ready NEMA 4, IP 65

Power Usage: less than 5 Watts.

Power Input: 85 - 264 VAC (47 - 440 Hz).

Operating Temperature: -30 to +70° C (-22 to 158° F).

Display: transflective, 4 lines x 80 characters.

Communication Ports:

- Ethernet 10/100 Mbps
- USB 2.0 x 3
- RS-232 x 1
- RS-485 X 2



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