

Technote 23 – AcquiSuite Supported Device List

Revised: February 12, 2013 (current revision available at <http://www.obvius.com>)

The AcquiSuite firmware automatically detects Modbus devices attached to the Modbus loop. The following is a list of specific Modbus devices the current firmware version supports. When configuring the AcquiSuite, click the Modbus/DeviceList menu, and select the link "Show Supported Devices" in the lower right corner for a list of supported hardware devices in your version of the firmware.

This document covers AcquiSuite firmware versions:

- A8811: Firmware v01.09.0617
- A8810, A8812: Firmware v02.13.0211

Modbus device support list for the AcquiSuite using the current firmware:

Modbus Device	A8812	A8810	A8811
Acromag 902MB, 20 channel relay output module	✓	✓	✓
Accuenergy Acuvim II and Acuvim L	✓	✓	
Advantech ADAM-4018+, 8 channel thermocouple input module	✓	✓	✓
Advantech ADAM-4019+, 8 channel universal analog input module	✓	✓	✓
Advantech ADAM-4051, 16 channel digital input module	✓	✓	✓
Advantech ADAM-4068, 8 channel relay output module	✓	✓	✓
Badger Meter 340MB, 380 (BTU meter)	✓	✓	✓
Continental Control Systems, WattNode / Modbus	✓	✓	
Coyote DataCom RIO-9F	✓	✓	✓
Dent PowerScout 3, PowerScout 18	✓	✓	
E-Mon ProMon (Modbus version), Class 3000, 3400, 5000	✓	✓	✓
E-Mon pulse output meters (all)	✓	✓	✓
Eaton IQ250, IQ260	✓	✓	
Electro Industries Shark 100	✓	✓	✓
Electro Industries Shark 200	✓	✓	
Elkor Watts On	✓	✓	
Fronius IG-Plus Inverters (Requires Module & USB adapter)	✓	✓	
GE kV2c with Modbus card	✓	✓	✓
Leviton / IMS Series 2000 Meter, models 1N, 1R, 2N, 2R	✓	✓	
Measurlogic DTS305	✓	✓	✓



Modbus Device	A8812	A8810	A8811
Obvius A8332-8F2D flex io module	✓	✓	✓
Obvius A89DC-08 DC Current Sensor	✓	✓	✓
Obvius A8911-23 pulse counter	✓	✓	✓
Obvius A8923-4 IO Module (4A4P-M2)	✓	✓	✓
Obvius A90DC-12 DC Current Sensor	✓	✓	
Obvius R9120, R24120 ModHopper	✓	✓	✓
Onicon System 10	✓	✓	
PDI BCMS BASIC	✓	✓	✓
PDI BCMS PLUS	✓	✓	✓
PDI BCMS Sub Distribution	✓	✓	✓
PDI BCMS (rev1)	✓	✓	✓
Power Logic Enercept power meter class 3020	✓	✓	✓
Power Logic Energy Meter with comm board.	✓	✓	✓
Power Logic ION 6200	✓	✓	✓
Power Logic ION 6300	✓	✓	✓
Power Logic ION 7300, 7330, 7350	✓	✓	✓
Power Logic ION 7500, 7600, 8500, 8600	✓	✓	✓
Power Logic ION 7550, 7650, 8550	✓	✓	✓
Power Logic PM710, PM750	✓	✓	✓
Power Logic PM810, PM820, PM850, PM870	✓	✓	✓
PV Powered Inverter (30kW, 50kW, 100kW)	✓	✓	
Refusol Inverter 804R012, 804R016, 804R020, 804R024, 802R008, 802R010, 802R013, 802R017, 802R020, 801R004, 801R005, 801R006, 809R010, 810R100, 830R333, 820R500, 820R630 (Requires Module & USB adapter)	✓	✓	
Sage Prime	✓	✓	
Siemens ION 9200	✓	✓	✓
Siemens ION 9300, 9330, 9350	✓	✓	✓
Siemens ION 9510, 9610	✓	✓	✓
SMA Inverter SB3000US, SB4000US, SB5000US, SB6000US, SB7000US, SB8000US (Requires Module & USB adapter)	✓	✓	
Square-D BCPMA, BCPMB, BCPMC Branch Circuit Monitor	✓	✓	
Square-D BCPMSCA, BCPMSCB, BCPMSCC Branch Circuit Mtr	✓	✓	
Schneider E5600, E7550	✓	✓	
Sustainable Energy Technologies Inverter ELV and LV	✓	✓	



Modbus Device	A8812	A8810	A8811
Triacta Powerhawk models: 4224-120V-3P-08,1.4, 4324-120V-3P-08,1.4, 4424-120V-3P-08,1.4, 6212-120V-3P-08,1.4, 6312-120V-3P-08,1.4, 6412-120V-3P-08,1.4, 4224-120V-2P-12,1.4, 4324-120V-2P-12,1.4, 4424-120V-2P-12,1.4, 6212-120V-2P-12,1.4, 6312-120V-2P-12,1.4, 6412-120V-2P-12,1.4, 4224-120V-1P-24,1.4, 4324-120V-1P-24,1.4, 4424-120V-1P-24,1.4, 6212-120V-1P-24,1.4, 6312-120V-1P-24,1.4, 6412-120V-1P-24,1.4,	✓	✓	
Tyco/Crompton Integra 1530, Ci3	✓	✓	
Veris E30A, E30B, E30C Branch Circuit Monitor	✓	✓	
Veris E31A, E31B, E31C Branch Circuit Monitor	✓	✓	
Veris E50C, E51C power meter	✓	✓	
Veris Enercept H8035 and H8036	✓	✓	✓
Veris HXO/T-485M	✓	✓	✓
Veris H663 and H704 Branch Current Monitor	✓	✓	✓
Veris H8163 Energy Meter with comm board	✓	✓	✓
Veris H8238 Multi Circuit Monitor	✓	✓	✓
Veris H8436, H8437 Power Meter	✓	✓	✓
Veris H8923-4 IO Module (4A4P-M2)	✓	✓	✓
Veris CWLP, HWLP, TWLP Modbus environmental sensor	✓	✓	
Veris Network Display, H8930	✓	✓	✓

In addition to the Modbus device list above, any standard Modbus RTU output device can be supported by creating a template in the Modbus / Framework menu of the AcquiSuite.

Discrete devices including any pulse output meter, analog 4-20mA or analog 0-10V device can be supported by using the A8812 onboard IO, A8332-8F2D Flex IO module, or the A8923-4 IO module.

