AddMe® Family
BACnet® I/O

CONTROL SOLUTIONS, INC.
MINNESOTA

AddMe Lite

14 I/O Points in a Single MS/TP Slave

12 Analog/Universal Inputs
2 Discrete (FET) Outputs
2 Pulse/Discrete Inputs (shared analog/universal)
Programmable

40 AI objects
4 AO objects
8 BO objects
60 MI objects

AddMe Lite Programmable BACnet Slave I/O

Control Solutions' AddMe Lite features 12 analog/universal inputs with configurable type and scaling. You can individually configure each universal input for 10-bit fast analog or discrete input.

Analog Input objects provide data from the analog I/O points. Linearization tables are provided for 3K, 10K and 20K type II, III, and IV thermistors. Input type and scaling is configured by writing to BACnet object properties. Additional uncommitted writeable objects are available for data exchange with the user program.

Two of the analog/universal inputs can be configured as pulse counting inputs. These inputs measure frequency, or totalize pulse input at up to 5 kHz. The totalizing input has non-volatile count storage. The count is stored to non-volatile memory every 15 minutes, providing a 28-year life.

All configuration properties are accessible via object properties. You can configure AddMe III from any BACnet MS/TP client. To simplify and streamline this process, we offer a free PC based configuration tool you can download from our web site. This tool allows you to simply select options from lists and enter scaling factors without keeping of track of which object properties you need to look at. This tool also stores your entire configuration in an XML file on your PC so you can easily replicate your configuration later. The "send all" function will download your entire configuration to a new device.

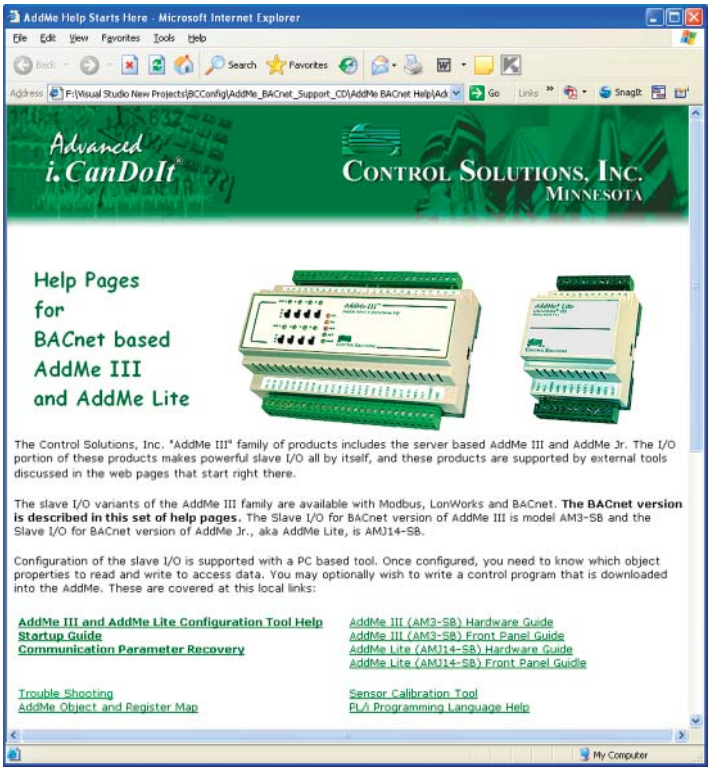
FEATURES of Model AMJR-14-SB

- 12 Analog/universal inputs
  - 0-10VDC, Thermistor, dry contact
  - 10-bit resolution
  - Software selectable input types
- 2 Discrete outputs
  - Open drain FET, 1A @ 30VDC
- 2 Discrete inputs (shared with 2 analog input terminals)
  - TTL to 24VDC on/off state input
  - Pulse count frequency input to 5kHz
  - Totalizing count input with non-volatile storage
- BACnet MS/TP Slave, 9600, 19200, 38400, 76800 baud
- Powered by 10-30VDC or 24VAC 50/60 Hz
- Power Consumption: 0.15A @ 24VDC
- DIN rail mounting, 100mm H x 70mm W x 60mm D
- LED indicators for power and communications
- Pluggable screw terminal blocks
- Operating temperature -40°C to +85°C
- Humidity 5% to 90% non-condensing
- FCC Class B, CE Mark

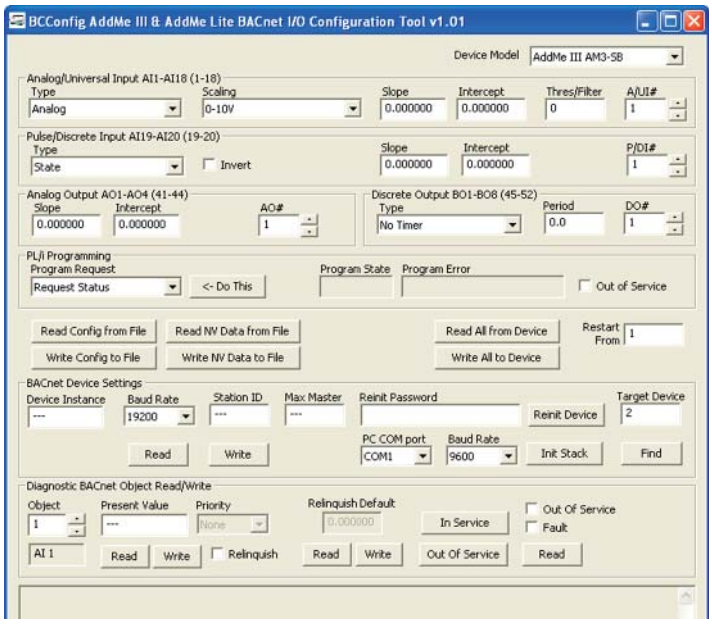
www.csimn.com

AddMe® Family BACnet® I/O

Control Solutions, Inc. Minnesota



Online help included on the support CD or downloaded from our web site includes wiring diagrams, sensor calibration tool, BACnet object map, configuration tool user guide, and programming language help. Our source level program simulator and debugger is also free. Our PC based configuration tool simplifies setup of analog input type and scaling, and discrete I/O timing parameters.



BACnet Protocol Implementation Conformance Statement (Abbreviated)

Date: 8 January 2008
Vendor Name: Control Solutions, Inc.
Product Name: AddMe Lite BACnet I/O
Product Model Number: AMJR-14-SB
Applications Software Version: 1.01
Firmware Revision: 1.01
BACnet Protocol Revision: 2

Product Description: Programmable 14-point BACnet MS/TP slave I/O.

BACnet Standardized Device Profile (Annex L):
► *BACnet Smart Sensor (B-SS)*
► *BACnet Smart Actuator (B-SA)*

List all BACnet Interoperability Building Blocks Supported (Annex K):
DS-RP-B, DS-RPM-B, DS-WP-B, DW-WPM-B,
DM-DDB-B, DM-DOB-B, DM-RD-B

Segmentation Capability: (None)

Standard Object Types Supported:
Object types: AI, AO, BO, MI, DEV, FILE, PROGRAM (all static)
See additional documentation for optional & proprietary properties.

Data Link Layer Options:
► *MS/TP slave (Clause 9), baud rate(s): 9600, 19200, 38400, 76800*

Device Address Binding:
Is static device binding supported? No

Networking Options: (None)

Character Sets Supported:
ANSI X3.4

Visit our web site for
- *Full details*
- *User Guides & Software*
- *Pricing*
- *On-Line Ordering*

www.csimn.com

Control Solutions, Inc.
380 OAK GROVE PKWY, SUITE 100 • PO BOX 10789
ST. PAUL, MN 55110-0789
VOICE (651) 426-4410 • FAX (651) 426-4418
TOLL FREE 1-800-872-8613