

## ValuPoint® VP4-23

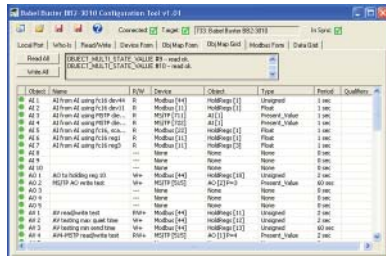
Control Solutions' ValuPoint® Programmable I/O for BACnet MS/TP provides programmable control, scheduling, alarm monitoring and notification, and data logging. The ValuPoint VP4-23 features 14 universal context sensitive inputs. When configured as an analog input, the continuously self-calibrating sigma-delta converter produces 15-bit resolution with high noise immunity. When configured as a discrete input, the converter switches to 10-bit resolution at 1,000 samples per second for fast response. The VP4-23 also includes 3 analog outputs, 6 Form A relay outputs, and pulse counting capability.

### Software Features of Model VP4-2330

- Freely programmable with *i.CanDrawIt*® graphical programming
- Data logging with 2MB non-volatile log file capacity
- Real time scheduling, astronomical clock and time/date clock
- Fully configurable alarms/events, BACnet alarm/event reporting
- COV Subscription support (as both client and server)
- BACnet client for interface to other slave devices

### MS/TP Support Tools

Our newest MS/TP products are supported by our newest MS/TP tool: An intelligent USB to MS/TP adapter that will let you connect your PC to a device running at any standard MS/TP baud rate, including 76800. Software tools to go with the adapter are new and improved, too.



Please visit

[www.csimmn.com](http://www.csimmn.com)

for information, pricing, web demos, tutorials

### Hardware Features of Model VP4-2330

- I/O points and undedicated BACnet objects
  - Input objects: AI, BI, MSI
  - Commandable output objects: AO, BO, MSO
  - Writable value objects: AV, BV, MSV
- Configurable object allocation for I/O and program use
- 14 Analog/universal inputs, software selectable types
  - 0-10VDC, thermistor, discrete, dry contact, pulse
  - 0.1% reference, up to 15-bit resolution
  - Continuously self-calibrating sigma-delta converter
  - Non-volatile totalizing count inputs
- 3 Analog outputs
  - 4-20mA (0-20mA), 10-bit resolution, 500 ohm load max.
- 6 Discrete outputs
  - Form A relay, 5A @ 24VAC (120VAC industrial)
- Battery backed real time clock/calendar
- BACnet MS/TP at 9600 to 76800 baud, Hardened RS-485 port
- 2MB non-volatile Flash data log file capacity
- 128KB non-volatile EEPROM configuration file capacity
- ARM 32-bit processor, 512K Flash, 56K RAM
- Powered by 18-30VDC or 24VAC 50/60 Hz
- DIN rail mounting, 100mm H x 105mm W x 60mm D
- -40C to +70C, 5%-95% RH non-condensing
- Certifications pending: FCC, CE, UL 916, BTL

## i.CanDrawIt®

*i.CanDrawIt*® works just like an electrical schematic CAD program, except you draw control programs that look like circuits. The resulting software will function like the circuit you draw. *i.CanDrawIt*® includes visual program simulation as well as visual live debugging. Set break-points or step through the program one visual function block at a time. Update variables and I/O objects in simulation or live. *i.CanDrawIt*® is available for free download at [www.graphical-programming.com](http://www.graphical-programming.com).

- Electrical CAD look and feel
- Ladder style, free form logic, or hybrid
- Compile code from drawings
- Simulate functions block by block
- Run to break point, run until paused
- Inspect or change variables
- Inspect or change registers (object's value property)
- Draw new function blocks, library source code included

## Babel Buster 2



Our popular Babel Buster family of network gateways is growing. Our newest Modbus RTU to BACnet MS/TP gateway, the BB2-3010, offers twice the capacity and twice the performance at the same price as the original gateway. Our Babel Buster 2 family is adding ZigBee as one of the branches of the family tree. The BB2-7040 will link ZigBee devices to BACnet IP and BACnet MS/TP.



## *i.CanDoIt® Programmable Web Servers with I/O Flexible, Powerful Remote Monitoring & Control*

The goal of i.CanDoIt® is to provide a simple and cost effective facility management and remote monitoring solution suitable for use in small sites. i.CanDoIt® web servers include an impressive collection of pre-programmed web pages, and allow the user to put a custom HTML “wrapper” around the embedded web site. The i.CanDoIt® is programmable, even though it is rather powerful without programming.

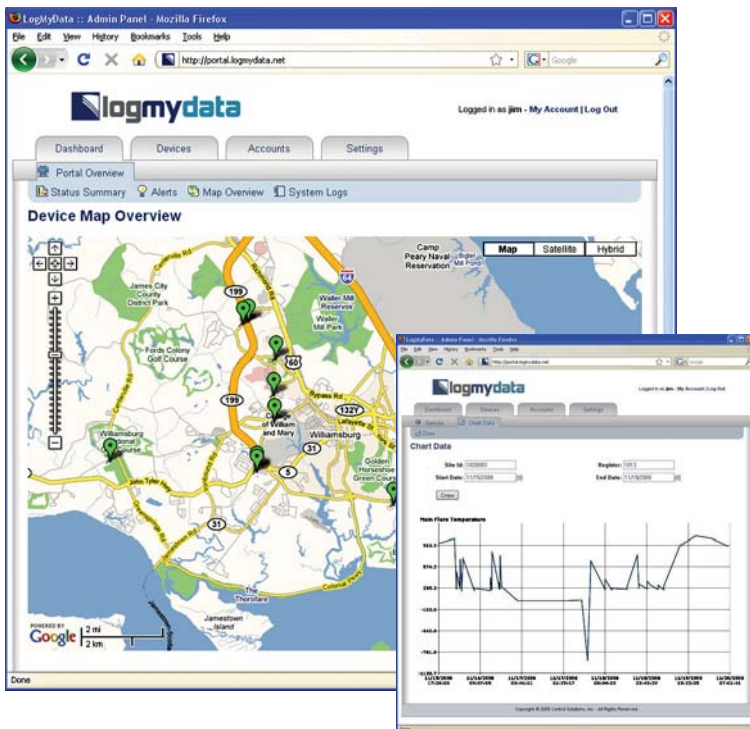
- *Embedded Web Server*
- *Alarm Monitoring*
- *Fill-in-the-blank Alarm Templates*
- *Programmable Alarm Responses*
- *Email Event Notifications*
- *Remote Data Monitoring*
- *Data Logging & Trending*
- *Automatic Email Delivery of Data Logs*
- *Time & Date Scheduling*
- *Astronomical Clock*
- *User Web Pages*
- *Support for Multiple Protocols*
- *Analog, Universal, Discrete I/O*



The **LogMyData® Web Portal** provides a central site to monitor all of your remote sites. Access the central site from anywhere in the world. LogMyData will send you emails, text messages to your cell phone, or even notify you with a voice phone call, when an event you want to know about has occurred. LogMyData also logs trends and history.

### **LogMyData® Web Portal Features**

- User configurable alarms and notification messages
- Multiple users and multiple user groups for notifications
- Notification via email, text message, voice phone calls
- Alert escalation when alert requires acknowledgement
- Map and annunciator views of system summary
- Daily status reports and online history log
- Notification of unresponsive devices
- Data collection for trending, data export, online graphs
- Connect via wired Internet, cellular GSM/GPRS, satellite



Please visit

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