Babel Buster Pro
Model BBPRO-V230 Quick Start Guide

1. Connect power. Apply +12 to +24VDC or 24VAC to the terminal marked "POWER", and common or ground the the terminal marked "GND".

2. Connect a CAT5 cable between the RJ-45 jack on the top and your network switch or hub. You cannot connect directly to your PC unless you use a "crossover" cable.

3. The default IP address as shipped is 10.0.0.101. Open your browser, and enter "http://10.0.0.101/" in the address window. You should see a page with the "Babel Buster" header shown above. From this point, you will find help on each page in the web site contained within the product. You can change the IP address on the System -> Setup -> Network page.

4. The default login is user name "system" with password "admin". You can also log in as "root" using password "buster".

5. Be sure to save any configuration changes you made on the System -> Setup -> Config File page by clicking the Save button. Changes made in the various configuration web pages will be lost upon power cycle or restart if not saved on the Config File page.

Model BBPRO-V230-SP

The standard BBPRO-V230 BACnet MS/TP port uses RS-485. The -SP232 version replaces the RS-485 transceiver with an RS-232 transceiver. The NET+/NET- terminals are replaced by TXD and RXD on the RS-232 version. TXD is data out from the BB-PRO-V230-SP232, and RXD is data in to the gateway. Hardware handshake is not supported.

Note that MS/TP is not supported on the BBPRO-V230-SP. The serial port is used for proprietary serial protocols on the BB-PRO-V230-SP. The transceiver for the -SP can be either RS-485 (BBPRO-V230-SP485) or RS-232 (BBPRO-V230-SP232), and this selection must be made when ordering.

NOTE: If the yellow Link LED is not on, check your cable connections. It should be on any time power is applied and an Ethernet connection is present.

The server takes 1-2 minutes to boot up after power is applied. Your browser will not connect until fully booted up.

Ethernet activity LED, normally flashes to indicate network activity (is on solid during boot-up although there is no traffic).

Ethernet Link LED, will always be on if Ethernet is connected (may blink during boot-up)

BACnet MS/TP RS-485 (EIA-485) network.

Power, +12 to +24VDC or 24VAC.

Ground, power common.

Power LED - always on (blue) if power is present.

Communications LEDs:

MS/TP TKN (MS/TP Token) Flashes green each time the MS/TP token is passed, and also flashes yellow when the gateway polls for a master. (Inactive on -SP version)

MS/TP PKT (MS/TP Packet) Flashes green when a packet is sent or received and the packet is data other than token pass or poll for master. (Inactive on -SP version)

IP REQUEST Flashes yellow when a packet is received addressed to this device (or broadcast), or when a packet is sent by the gateway.

IP REPLY Flashes green when a good packet is received, flashes red when a received packet contains an error. Also flashes red if a client request times out.

For additional information, visit www.csimn.com.