



Babel Buster BB2-7010-07 Quick Start Guide



The BB2-7010-07 is designed to interface Veris Industries WiFi sensors with a BACnet IP network (or Modbus or SNMP). WiFi access is via any standard WiFi access point or router configured to simply be just an access point. Using standard off the shelf WiFi access points allows WiFi reception to be distributed for best performance while still using a single gateway to translate sensor data for BACnet IP use.

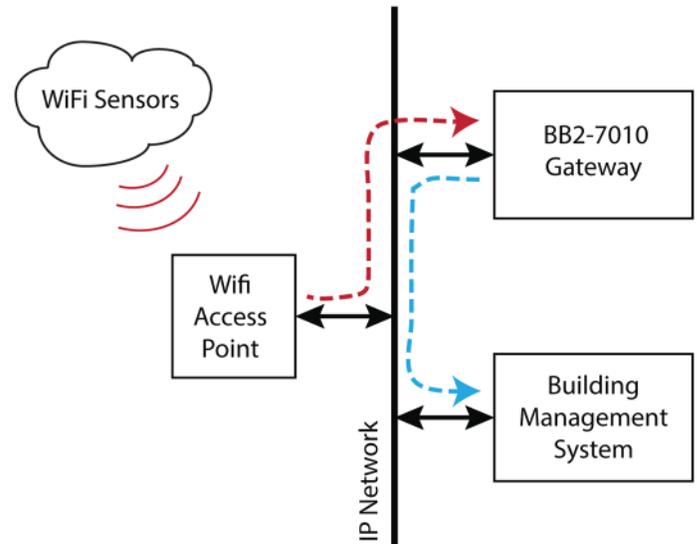
Initial Startup

1. Connect power. Apply +12 to +24VDC or 24VAC to the terminal marked "POWER", and common or ground the the terminal marked "GND". 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.
2. The default IP address as shipped is 10.0.0.101. If using Windows XP, you may need to add a route on your PC. However, Windows 7 and beyond should be able to browse directly to the device.
3. Open your browser, and enter "http://10.0.0.101/" in the address window. You should see a page with the "Babel Buster BB2-7010" 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. Your changes will be lost upon next power cycle if you do not click Save on the Config File page.



WiFi sensors that will be recognized by the system are entered here.

Showing 1 to 15 of 200

Sensor	Sensor MAC	Timeout (minutes)	Chan 1 Object #	Chan 2 Object #	Chan 3 Object #	Chan 4 Object #
1	74D850010001	0	0	0	0	0
2	74D850010002	0	0	0	0	0
3	74D850010003	0	0	0	0	0
4	000000000000	0	0	0	0	0
5	000000000000	0	0	0	0	0

Getting data from sensors that have been configured to send to the IP address of the BB2-7010-07 is as simple as just entering the sensor's MAC address on the Sensor -> Sensor Setup page. Then go to the Sensor Data page and watch for data to show up.

This page displays data most recently returned by WiFi sensors.

WiFi Sensor List

Showing sensors from 1

Sensor	Sensor MAC	Type	Chan 1 Data	Chan 2 Data	Chan 3 Data	Chan 4 Data	Time since Tx
1	74D850010001	0A,07	75.199997	38.000000	500.000000	0.000000	5.8s
2	74D850010002	07,03	22.000000	40.000000	0.000000	0.000000	5.9s
3	74D850010003	03,08	18.000000	0.000000	0.000000	0.000000	4.9s
4	000000000000	00,00	0.000000	0.000000	0.000000	0.000000	---
5	000000000000	00,00	0.000000	0.000000	0.000000	0.000000	---

Data will appear on the Sensor Data page as a diagnostic regardless of whether any BACnet data objects have been assigned. To cause the data to be available via BACnet, assign data objects as illustrated below. Additional information may be found in the "Quick Help" section found at the bottom of each page.

Sensor	Sensor MAC	Timeout (minutes)	Chan 1 Object #	Chan 2 Object #	Chan 3 Object #	Chan 4 Object #
1	74D850010001	2	AI 1	AI 2	AI 3	0
2	74D850010002	2	AI 4	AI 5	0	0
3	74D850010003	2	AI 6	AI 7	0	0
4	000000000000	0	0	0	0	0
5	000000000000	0	0	0	0	0

Go to csimm.com/ticket if you need technical assistance.