

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.



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.

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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.



Data (Objects	Modbus	BAC	net	SNMP		System			
	Setup	Senso	rs 🔰	ſ				1		
Sensor Data Sensor Setup					ſ					
WiFi sensors that will be recognized by the system are entered here.										
				Showing 1 to 15of 200			Update <prev next=""></prev>			
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	0000000000000000	0		0	0	0	0			
2	0000000000000000	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.

Data C	njects Modbus		BACne	BACnet SNMP		System	۱		
	Setup Sensors		nsors						
Sen so	r Data S	en sor Setu	ip J						
This pag	ge displays data most	recently re	turned by WiFi sensors						
WiFi Sensor List Showing sensors from 1 Refresh < Prev Next 2									
WiFi Sen	sor List		Showing ser	nsors from 1		Refresh	<pre></pre>		
WiFi Sens	sor List Sensor MAC	Туре	Showing ser Chan 1 Data	nsors from 1 Chan 2 Data	Chan 3 Data	Refresh Chan 4 Data	<pre> Next> Time since Tx</pre>		
WiFi Sensor	sor List Sensor MAC 74D850010001	Туре 0А,07	Showing ser Chan 1 Data 75.199997	Chan 2 Data 38.000000	Chan 3 Data 500.000000	Refresh Chan 4 Data 0.000000	<pre> Vext> Time since Tx 5.8s</pre>		
WiFi Sensor	sor List Sensor MAC 74D850010001 74D850010002	Туре 0А,07 07,03	Showing ser Chan 1 Data 75.199997 22.000000	Chan 2 Data 38.000000 40.000000	Chan 3 Data 500.000000 0.000000	Refresh Chan 4 Data 0.000000 0.000000	<prev next=""> Time since Tx 5.8s 5.9s</prev>		
WiFi Sensor Sensor 1 2 3	sor List Sensor MAC 74D850010001 74D850010002 74D850010003	Туре 0А,07 07,03 03,08	Showing ser Chan 1 Data 75.199997 22.000000 18.000000	Chan 2 Data 38.000000 40.000000 0.000000	Chan 3 Data 500.000000 0.000000 0.000000	Refresh Chan 4 Data 0.000000 0.000000 0.000000	<prev next=""> Time since Tx 5.8s 5.9s 4.9s</prev>		
WiFi Sensor 1 2 3 4	sor List Sensor MAC 74D850010001 74D850010002 74D850010003 00000000000	Type 0A,07 07,03 03,08 00,00	Showing ser Chan 1 Data 75.199997 22.000000 18.000000 0.000000	Chan 2 Data 38.00000 40.00000 0.000000 0.000000	Chan 3 Data 500.000000 0.000000 0.000000 0.000000	Refresh Chan 4 Data 0.000000 0.000000 0.000000 0.000000	Prev Next> Time since Tx 5.8s 5.9s 4.9s		

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	AI2	AI 3	0	
2	74D850010002	2	AI 4	AI 5	0	0	
2	74D850010003	2	AI 6	AL7	0	0	
4	000000000000000000000000000000000000000	0	0	0	0	0	
2	000000000000	0	0	0	0	0	

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