Setting the IP Address of the CBC-1000

If you don't know the current IP of the beacon controller, you can use the "Auto Discovery Manager" from Multitech which searches the current subnet and reports all of the MT100SEM-IP's that it finds. You can see my beacon controller showing up as a line item. DO NOT USE THIS TOOL TO SET THE IP. If you do, it will not stick. The CBC beacon tool must be used to put the IP into the MCU's firmware. This tool should only be used to search for the modems.

💌 Aı	uto-D	iscovery Manager						_ 🗆 X
Log	Port	Help						
					Aute Discovery Manager			
	S.N	0 MAC ADDRESS 00:08:00:D3:99:49	IP ADDRESS 192.168.050.051	HOST NAME MT100SEM-IP	DHCP STATUS Disabled	DHCP IP ADDRESS 000.000.000.000	CLIENT STATUS Active	VERSION 0.22E
			00:08:00:D3:9 192.168.050.0 255.255.255.255.0 000.000.000.0 000.000.000.0	9:49 51 00 00 00		MT100SE 1020 10 0.22E	M-IP	
	og - la 8:23:2 8:23:1 8:23:1	st messages 0 Discovered Client M 6 Server Started 6 Listening on Port - '	4T100SEM-IP (MAC 1020	: 00:08:00:D3:99:49)			

ftp://ftp.multitech.com/embedded/socketethernetip/adm-v101.exe

Once you know the IP, it can be changed with the CBC beacon tool.

http://199.48.130.2/~mhcorbin/_documents/Beacons/tools/XMLBeacon.zip

- 1. Enter the current IP and password of the beacon controller
- 2. Set the new IP (or DHCP) settings in the "IPv4 settings" group and tap the "Set" button
- 3. Give the modem about a minute to re-configure itself

M H Corbin Network Beacon								
CBC Network Beacon Controller		CORBIN Highway Information Systems						
IP address 192.168.50.51	Param	Value						
	Result	OK						
Port 8000 Password 123456	Firmware Version	1.1.20150421						
- 0.4	L/R switch	Remote						
State	Remote mode	On						
Tum On Tum Off Get Status Reset	Analog Input 0	0000						
	Analog Input 1	0000						
Change Password	Analog Input 2	0000						
New Password Set	Analog Input 3	0000						
	Lamp 1 peak voltage	1231						
Reset to default password	Lamp 1 average vol	0616						
	Lamp 2 peak voltage	1231						
- IPv4 settings	Lamp 2 average vol	0606						
G Obtain on IR address automatically with DUCR	Lamp 1 peak current	0000						
 Obtain an IP address automatically with DHCP 	Lamp 1 average cur	0000						
C Use the following	Lamp 2 peak current	0000						
IP address	Lamp 2 average cur	0000						
	Digital Input 1	Οπ						
Subnet mask								
Default gateway								
Set								
Done								