SMC EX250/EX500/EX600 EtherNet/IP DHCP Setup Procedure

Reset unit to Factory Defaults:

1. Remove power.
2. Set all eight (EX500, EX600) or four (EX250) IP address selection switches ON (up).
3. Apply power for 15 seconds.
4. Remove power.
5. Set all eight (EX500, EX600) or four (EX250) IP address DIP switches OFF (down).

Assign the Desired IP Address:

6. Start the BOOTP/DHCP server.
7. Apply power to the new device.
8. Click on the desired MAC ID device in the Server Window (top window).
9. Quickly enter the desired IP address, and click OK.
10. The node is automatically added to the “Relation List”.

Disable Device DHCP:

11. Click on the desired node in the Relation List window (bottom window).
12. Click on “Disable DHCP”.
13. Confirm that the command was sent.
14. Note: If the time lag is too long (>5 seconds), the command will not complete.
15. Remove power.

Verify that the desired IP address was properly assigned:

16. Apply power to the new device.
17. Open RSLinx.
18. Browse the proper network for the newly assigned devices.
19. After locating the newly assigned device, remove power.

IO Message Size - EX250-SEN1

Input:	Assembly Instance: 100	Data Length: 6 byte
Output:	Assembly Instance: 150	Data Length: 4 byte
Configuration:	Assembly Instance: 1	Data Length: 0 byte

IO Message Size - EX500-GEN1

Input:	Assembly Instance: 100	Data Length: 16 byte
Output:	Assembly Instance: 150	Data Length: 16 byte
Configuration:	Assembly Instance: 1	Data Length: 0 byte

IO Message Size – EX600-SEN1

Input:	Assembly Instance: 100	Data Length: XXX byte
Output:	Assembly Instance: 150	Data Length: XXX byte
Configuration[1]:	Assembly Instance: 5	Data Length: 0 byte
Configuration[2]:	Assembly Instance: 105	Data Length: XXX byte

1) units manufactured prior to March 2009
2) units beginning March 2009 XXX depends on I/O configuration