METTLER TOLEDO
BC Scale

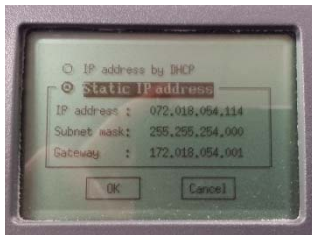**Setting up the Scales for Ethernet:**

1. Select the correct Serial protocol setting.
   Home → Deflt → Def F → Enter

2. Update Ethernet IP setting
   Home → Setup → COMM → ETH
   Press Enter.
   Note: A default static IP setting has been programmed into the scale
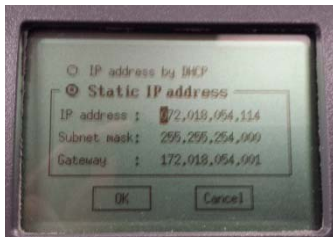

   Press UP/DOWN key to select
   - IP address by DHCP (currently not supported)
   - Static IP address
   - OK
   - Cancel

3. Update static IP address:
   Highlight the static IP address field
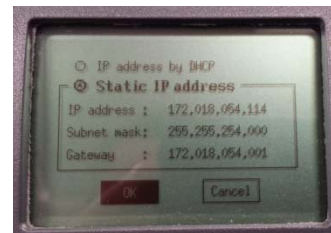   Press Enter key

   - Press RIGHT/LEFT key to scroll through the octet or ENTER to scroll through each IP address, subnet, and gateway setting.

- Press UP/Down key to change IP address octet values, example; (192.168.000.002)

4. Save updated static IP address:
   Place cursor to the first octet of the IP address and press LEFT key.
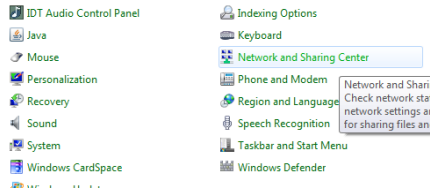   Press the Down key to OK then press Enter

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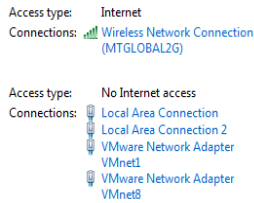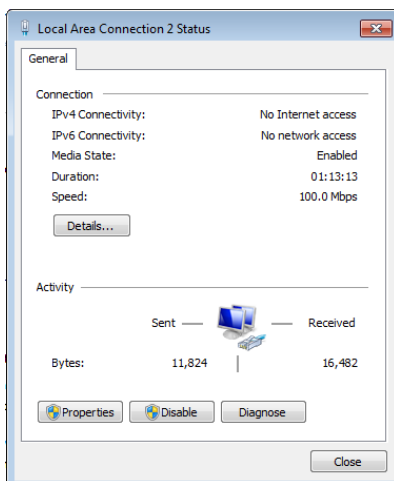**Setting up the network connections on PC:**

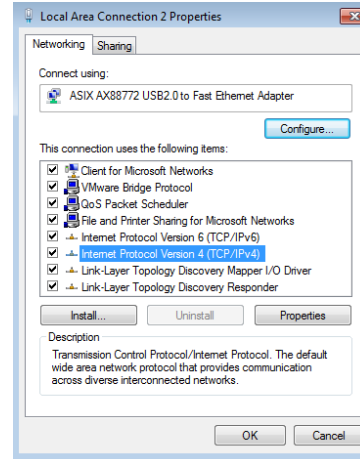1. Open Control Panel

2. Select Network and Sharing Center

3. Select the desired Local Area Connection port. Local area connection statuses will pop-up.
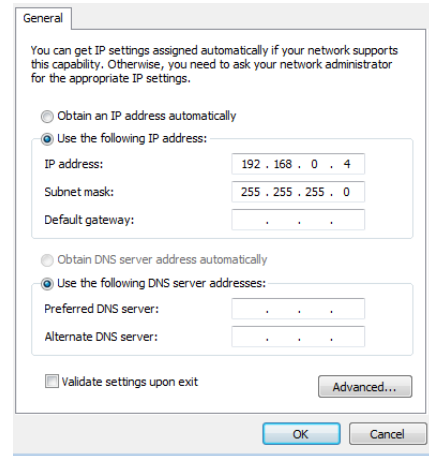
4. Open Properties

5. Select Internet Protocol Version 4 (TCPIP/IPv4)

6. Open Properties. Enter the correct IP, Subnet Mask, and gateway address→click OK
Note: When using static IP addresses, please enter the same IP address as programmed in the scale.

7. Close Local Area Connection properties
8. Close Local Area Connection Status
9. Close Control Panel window

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Test Ethernet Connectivity:

1. Open Windows Command Prompt.
    Type PING 192.xxx.xxx.xxx (type the
    correct IP address that is programmed
    into the scale)
    If connection and setting are correct,
    the port will reply as shown in the
    example below.

Test Scale Serial Communication :

1. Set the desired Serial Protocol on scale.
    This is important to ensure the
    command sent to scale will function
    correctly; otherwise the scale will not
    respond to incorrect Host commands.
2. Set COMM selection on scale to ETH
    and SAVE setting.
3. Open serial tool like Albatros or
    Hyperterminal and set the correct Port
    Type, IP address, and Port setting. Click
    OK.
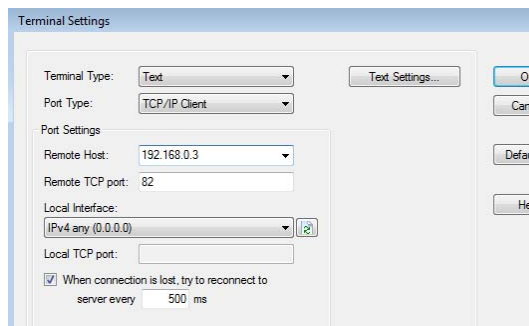
4. Open Terminal Port
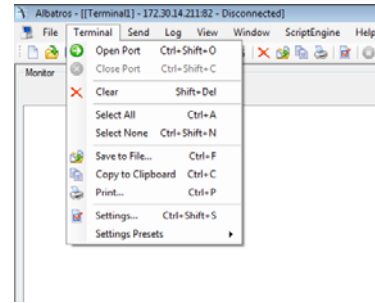
5. Enter Serial Protocol supported
    command