The device will attempt to connect to the Target Device using **Ethernet/IP** protocol by ODVA. Please note that not all target devices support **Ethernet/IP** protocol.

- **LCD Indicator** will display Operation Status.

11. **Setting Target device to “Static” (Disable BOOTP/DHCP)**

   After the IP address is assigned to the Target Device using BOOTP/DHCP, it’s important to disable BOOTP/DHCP or make the IP static. If this is not done, the target device will not have an IP address after its power is cycled.

   The device will attempt to communicate with Target Device using **Ethernet/IP** protocol by ODVA. Please note that not all target devices support **Ethernet/IP** protocol. The target device must support this feature in order to work.

   **Important:** Target Device IP, Own IP Address and Gateway Address must be on the same subnet or this feature will not be active. An error message will be displayed if the addresses are not on the same subnet.

   From the **Main Menu** select **Static/Dynamic** and press **Ok**. Select **Set IP Static** and press **OK**

   
   LCD will display: “Connecting to ” and display the IP address

   Once communication is established the LCD will display the message “Set to Static Success”.

   If an error message is displayed or unable to connect then your target device may not support this feature, have no IP address assigned or Target Device IP and Own IP Address are not on the same subnet You can return to the previous menu any time by pressing **Cancel**

12. **Setting Target device to “Dynamic” (Enable BOOTP/DHCP)**

   This feature allows you to set target device to use BOOTP/DHCP if device is currently set to Static. The device will attempt to communicate with Target Device using Ethernet/IP protocol by ODVA. Please note that not all target devices support Ethernet/IP protocol. The target device must support this feature in order to work.

   - From the **Main Menu** select **Static/Dynamic** and press **Ok**. Select **Enable DHCP or Enable BOOTP** and press **OK**

   LCD will display: “Connecting to ” and display IP address

   Once communication is established the LCD will display the message “Set to DHCP Success” or “Set to BOO TP Success”

13. **Detecting an Unknown IP Address**

   This device will attempt to detect unknown IP address of your target From the **Main Menu** select **Read Unknown IP** and press **Ok**

   - Connect a cable to the target device and cycle its power
   - LCD will display IP and MAC address.
   - If the Target Device supports **Ethernet/IP** protocol then attempt will be made to read device identity.

   **Important:** it may take up to a few minutes to display the IP address. Not every IP address can be detected

   You can return to the **Main Menu** any time by pressing **Cancel**

14. **Reset IP Explorer Professional to Factory Defaults**

   This will clear all Network Setting and saved IP addresses from the device memory

   - Turn device power Off
   - Press and hold **OK** key, then press and release **Cancel** key.
   - Hold **OK** during countdown
   - Release **OK** when prompted
1. Ethernet Connection
This Handheld Device uses a direct connection to the Target Device using a Standard (straight through) Ethernet patch cable. Ethernet connection supports 10/100 Mbps Full/Half Duplex Auto-Negotiation.

2. Batteries
The device uses two AA-size Ni-MH rechargeable batteries. Alkaline batteries can be used as an emergency source only.

3. Navigation keys
Cancel   Turns Device On/Off, Returns to the previous Menu
▲     Moves Menu selection up or increments a number
▼     Moves Menu selection down or decrements a number
Ok      Confirms current selection

4. Turn Device On/Off
To turn device ON press Cancel key once
To turn Device OFF press and hold Cancel key until shutdown message shown, then release Cancel key.
Device will automatically turn power OFF after 3 minutes of inactivity or if batteries are low.

5. LCD Contrast
• From the Main Menu scroll to LCD Contrast and press Ok
• Using ▼▲ keys to change contrast
• Press Ok to select new level or press Cancel to use previous settings

6. Assign Network Parameters
This only needs to be set once. Device will keep settings even battery is disconnected. Mask and Gateway settings will be used for target device as well.
From the Main Menu scroll to Network Setup Menu and press Ok
• Select Own IP Address, Network Mask or Gateway Address and press Ok
• Change one octet at the time or scroll through available masks using ▼▲ keys
• Press Ok to save selection or Cancel to return to the Network Setup Menu

7. Entering new IP address:
From the Main Menu scroll to Target Config Menu and press Ok.
Select New Target IP and press Ok.

8. Selecting Target device address from the previously used list:
From the Main Menu scroll to Target Config Menu and press Ok.
Select Target IP List and press Ok.
Using ▼▲ keys scroll through the list of previously used addresses
Press Ok to select an address. If the address is not found, press Cancel

9. Assign an IP address using BOOTP or DHCP requests
From the Main Menu select Assign IP Addr and press Ok.
Select Use BOOTP/DHCP and press Ok
• LCD will display: “Waiting for Req” and display IP address to be assigned.
• Once request from device received, IP address will be sent to the target device and LCD will display: “Send Attempt x” and target MAC address.
• If target device starts using the assigned IP address LCD will display “Accepted IP Addr” and target MAC address.
• The device will continue to service BOOTP and DHCP requests. It will go back to the Main Menu after 5 attempts. You can return to the Main Menu any time by pressing Cancel twice.

10. Replacing IP address for Target that already has a Static IP address Assigned
From the Main Menu select Assign IP Addr and press Ok.
• Select Replace Stat IP and press Ok
LCD will display current IP address.
Press OK to continue or Cancel to return to previous menu.
• Enter New IP Address. Current address will be offered as a template for a new selection. Change one octet at the time using ▼▲ keys. Press Ok to select next octet.