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After connecting the device to the Ethernet port, configure your local Ethernet port as follows:

1. Click **Start > Control Panel > Network and Sharing Center**.
2. Click **Change Adapter Settings**.
3. Highlight the network adapter you want to use to connect to the device and click **Change settings of this connection**.
   The Local Area Connection Properties window for the selected network adapter appears as shown in Figure 1.

4. Highlight either **Internet Protocol Version 6 (TCP/IPv6)** or **Internet Protocol Version 4 (TCP/IPv4)** depending on the requirements of your IT system.

Figure 1: Local Area Connection Properties Window
5. Click **Properties**.

The Internet Protocol Properties window relevant to your IT system appears as shown in **Figure 2** or **Figure 3**.

![Internet Protocol Version 4 Properties Window](image)

**Figure 2**: Internet Protocol Version 4 Properties Window
6. Select **Use the following IP Address** for static IP addressing and fill in the details as shown in Figure 4.

For TCP/IPv4 you can use any IP address in the range 192.168.1.1 to 192.168.1.255 (excluding 192.168.1.39) that is provided by your IT department.
Figure 4: Internet Protocol Properties Window

7. Click **OK**.

8. Click **Close**.
## 2 Installing and Using K-LAN Configurator

To operate or configure your Kramer device via Ethernet, you need to do an initial configuration of the Ethernet port in the device. To do so, you need to download and install the K-LAN Configurator software and use it to configure the Ethernet port.

A device can be controlled by up to three Ethernet devices, (such as, PCs or remote controllers).

**Note:** The reply from the controlled device is sent only to the last connected Ethernet device, (PC or remote controller).

### 2.1 Downloading and Installing K-LAN Configurator

To download and install K-LAN Configurator:

1. Using your Web browser, go to [http://www.kramerelectronics.com](http://www.kramerelectronics.com) and download the installation software for K-LAN Configurator to your PC.

2. Using Windows Explorer, browse to the location to which you downloaded the software.

3. Run **Setup.exe** to begin installation of the software.

4. When the installation process asks whether you want to install the software, click **Install**.

5. When the installation is complete the main window is displayed as shown in **Figure 5**.

   The program automatically searches the LAN to discover Kramer devices and displays their names and IP addresses. Press the Search icon to search the LAN again.
2.2 Using K-LAN Configurator to Modify the IP Parameters of a Device

To use K-LAN Configurator to modify the IP parameters of a device:

1. Click Start > K-LAN Configurator
   The Search Button is displayed as shown in Figure 6.

2. Click the Search button for the software to search the network for Kramer devices.
   The main window is displayed as shown in Figure 5. If any devices that are connected to your PC have been automatically identified, they are displayed on the left hand side of the window.
Note: If you have more than one network interface in your PC, K-LAN Configurator may not always identify devices connected to the additional network interfaces.

3. If you have more than one network interface in your PC, click Settings on the menu bar.
   The Settings popup is displayed as shown in Figure 7.

![Settings Popup](image)

Figure 7: Settings Popup

4. Select the required network interface from the Card: drop-down list.

5. Click Set.

6. If your device is not recognized automatically, click the search icon.

7. Modify the fields as required: Name, IP address, Subnet, Gateway and Local IP port.

   Note: The name is limited to 13 alpha-numeric characters.

8. Click Upload to Device.
   The confirmation message is displayed as shown in Figure 8 and the settings are uploaded to the device.
9. Click **OK**.
   The Upload message is displayed as shown in Figure 9.

10. Click **OK**.

11. Click the search icon to refresh the display.
   You can now connect the device to your LAN and communicate with it via the Ethernet port.

### 2.3 Testing Communication with the Device

To test the communication with the device:

1. Click **Start > All Programs > Accessories > Command Prompt**

2. In the command prompt window, type `ping xxx.xxx.xxx.xxx` and Return, where `xxx.xxx.xxx.xxx` is the IP address you uploaded in Section 2.2.
   If communication is successful, a reply similar to that shown in Figure 10 is displayed.
Figure 10: Successful Communication Message