Control the FHD651-P/T Panel using an Ethernet Connection

This document provides instructions for controlling the FHD651-P/T panel using the RJ45 Ethernet (LAN connection).

NOTICE   Controlling the panel through Ethernet is recommended for experienced users only. Technical knowledge of your local area network (LAN) or assistance from your system administrator is required.

Hardware Required

- RJ45 network cables

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1. To determine if your panel is equipped with the RJ45 Ethernet port, check the connector panel in the rear of the panel.
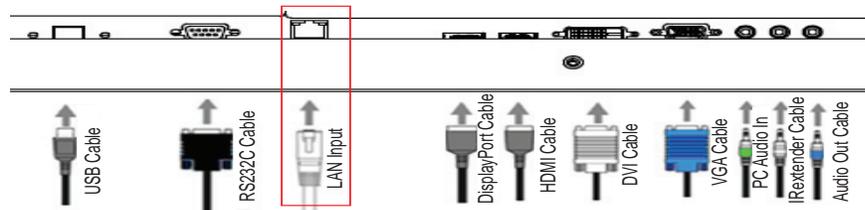

2. Assign an IP address to the panel.

   a. From the Network Settings menu, select **Advanced Settings** > **Ethernet Setup**.

   b. Configure the parameters.

   For help configuring the parameters, consult your system administrator. The default settings are:

Parameter	Setting
Dynamic IP	Disable
Static IP Address	192.168.2.1
Subnet Mask	255.255.255.0
Gateway	192.168.2.1
DNS Addr	192.168.2.1

     c. To save the settings, select S**ave Network Settings**.

3. To connect the LAN port of one or more panels to an active RJ45 port on your network, use RJ45 cables.
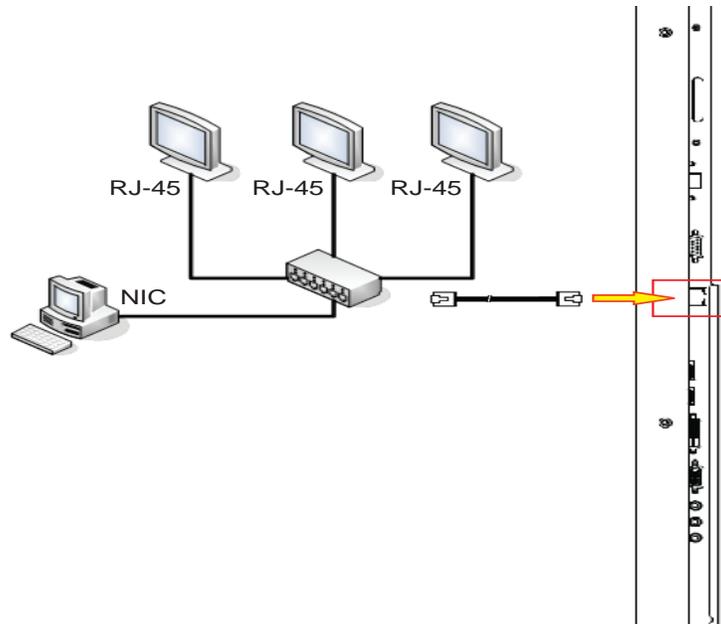
4. To install the VCOM driver, insert the VCOM driver CD in the CD drive and follow the install wizard instructions.

   The virtual COM port driver simulates a serial interface on a computer. The data sent to this serial interface from any kind of application is forwarded to a connected panel using a TCP/IP connection.

   The client computer used to control the panels must be connected to the network and must be running Windows 2000, XP, Vista, or 7.

5. When installation is complete, launch the application from the **VCOM** desktop icon.

6. To assign virtual RS232 serial ports to each panel on the network, click **Search**.

7. From the Utilities section, select **COM Mapping**.

8. Click **Add**.

   The panels connected to the network appear as devices in the Add VCOM screen.

9. Select a device and assign a COM value to it.

10. If the IP Address and Remote Port fields are blank, enter values for these fields.

11. Click **OK**.

12. Repeat steps 9 to 11 for each device.

13. Check that the virtual COM port is listed in the Device Manager and in the COM Mapping panels.

Technical Support

North and South America: +1-800-221-8025 or tech-support@christiedigital.com

Europe, Middle East, and Africa: +44 (0) 1189 778111 or techsupport-emea@christiedigital.com

Asia Pacific: tech-asia@christiedigital.com