

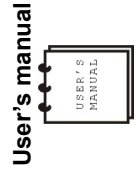
# Triplex MPEG-4 DVR Quick Setup Guide

## Package Content

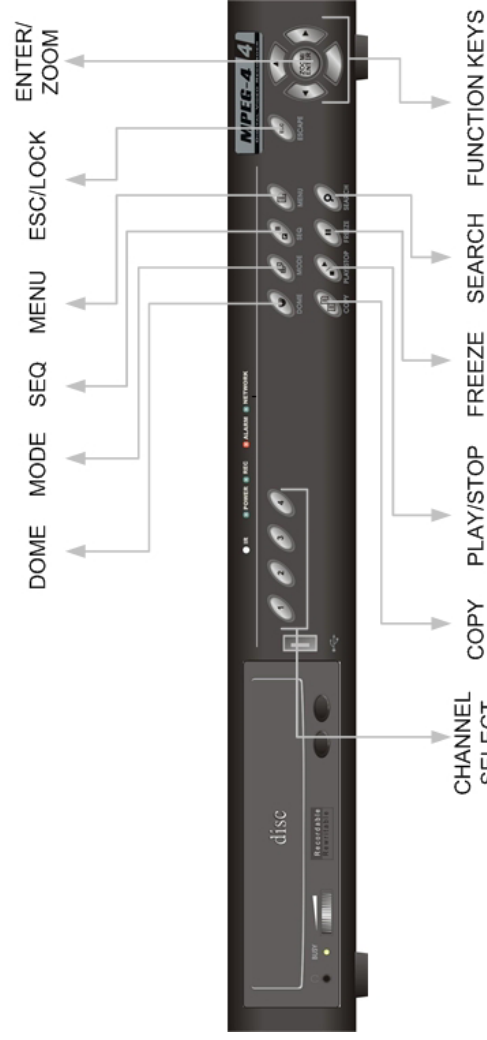
Inspect the packaging carton. Make sure your **Triplex MPEG-4 DVR** is properly delivered. Remove all items from the box and make sure the box contains the following items.



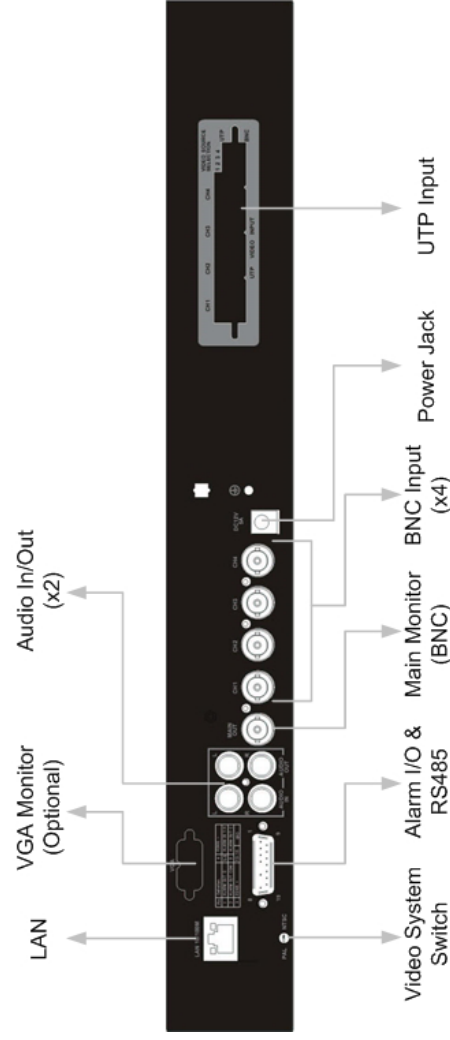
Triplex MPEG-4 DVR



## Function Keys on the Front Panel



## Connecting Your DVR



Connector	Description
<b>LAN 10/100M (RJ-45)</b>	The <b>Triplex MPEG-4 DVR</b> is capable of networking. The LAN port opens the door of DVR to Ethernet where by the Internet.
<b>USB Connector</b>	Two USB 2.0 ports on the rear panel for users to connect external USB devices to the unit.
<b>Audio In / Out</b>	Audio In RCA connector is offered for connecting an audio source device to the unit; Audio Out RCA connector is offered for connecting an audio output device to the unit.
<b>Main Monitor (BNC/VGA)</b>	BNC and VGA output connectors are offered for connecting to a main monitor. <b>VGA output is optional.</b>
<b>Video System Switch</b>	This switch is used to set the unit to appropriate video system.
<b>Alarm I/O &amp; RS485</b>	The unit provides an alarm I/O and RS485 port that offers user the flexibility required to connect the unit to other devices.
<b>Video Input</b>	16 BNC connectors are offered for video input streams from installed cameras.
<b>Power Jack</b>	The <b>Triplex MPEG-4 DVR</b> has an AC power connection jack. Please connect the power supply that ships with the unit. <b>NOTE:</b> Use of other power supply may cause overloading.

## Basic Setup

Follow the description to set up the DVR for date/time, recording and viewing video. All configurations can be set via either DVR front panel or **DVRRemote**, the remote software, on PC through LAN.

### Enter OSD Setup menu:

- Press **MENU** to enter the OSD menu.
- Enter password using Channel keys. The default passwords are Admin/1234 or user/4321.
- Strongly suggest changing the passwords to prevent unauthorized access.

### Date / Time Setting:

- Select **<Date/Time>** in **System Setup** menu to enter the **Date/Time** menu.
- Select the **<Date>**, and select adjusted field using **LEFT/RIGHT**, and press **ENTER**.
- Adjust the value using **UP/DOWN**, and then press **ENTER**. Repeat the procedure till **<Date>** and **<Time>** are set.
- The new date and time settings take effect after confirm the changes.

### To Define Recording Settings:

- Select **<Record Setup>** from the Main menu.
- Select **<ezRecord>** as Preset Configuration option, and select wanted number of recording day; other setting will be automatic arranged by the unit.
- Consider your own needs and select a Preset Configuration setting from **<Best Quality>**, **<Standard>**, and **<Extended Record>**. Detailed information refers to **Triplex MPEG-4 DVR** Use's Manual, Section 3.5.3 Preset Record Configuration.
- Adjust the Recording schedule, Circular and Audio parameters.
- After adjusting, press **ENTER** to confirm and save the settings; or **ESC** to abort.

### To Select Viewing Mode:

- Press **MODE** button repeatedly to select the wanted display mode. The available viewing modes are full-screen and 4x4 split-window.

## Network Setup

### Using LAN / Cable Modem:

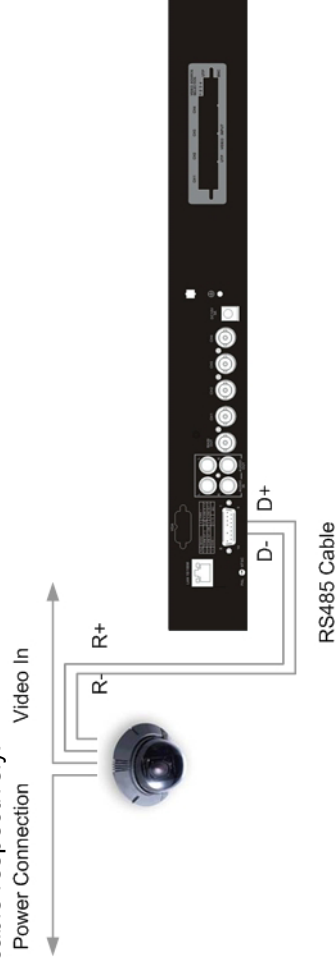
Use the LAN setup when you plan to use a LAN connection without a dialup modem. It requires an Ethernet connection to a network. The default ID of your **Triplex MPEG-4 DVR** must be changed to avoid network conflicts.

- From Main menu, select **<System Setup>** → **<Network Setup>**, set the **<LAN Setup>**.
- For DHCP user, set the DHCP to **<ON>**. The IP address, Netmask, Gateway and DNS settings are retrieved from network servers. DHCP is dynamic; the settings will change from time to time.
- For Non-DHCP user, set the DHCP to **<OFF>**. You must enter an IP address, Netmask, Gateway and DNS settings. Please obtain these settings from your network service provider.
- To change the IP address, Netmask, Gateway and DNS value, press **UP/DOWN** keys to select the item. Use **LEFT/RIGHT** keys to access each section of the value and press **ENTER**, then change the value using **UP/DOWN** keys.
- When the settings are complete, press **ENTER** to confirm and save the settings, or **ESC** to abort.

## Dome Connection

### Dome Connection & Settings:

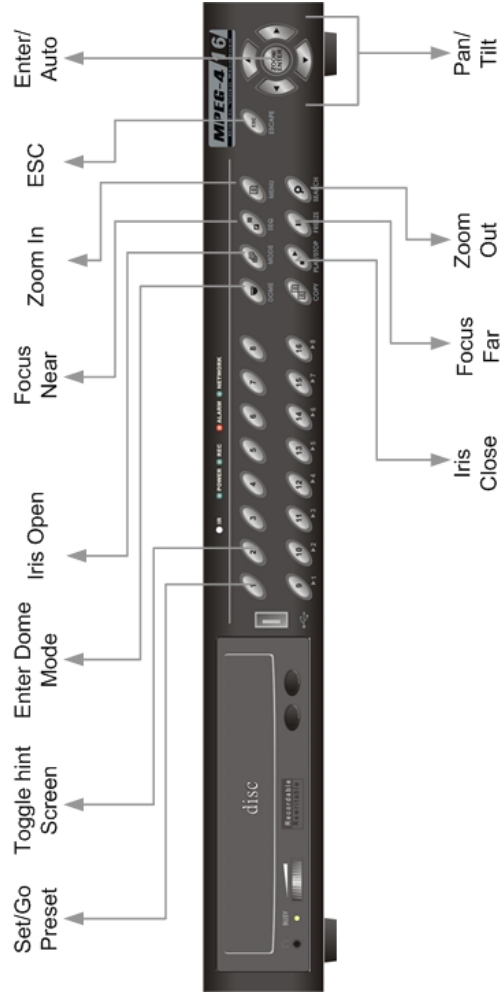
- See section **Connecting Your DVR** for RS-485 port pin definition.
- Refer to the following figure. Connect the R+, R- terminals on the dome camera to the D+, D- terminals on the RS-485 port by RS-485 cable respectively.



RS485 Cable

- To set up dome protocol and ID, press **MENU** to access the Main menu, and select **<Camera Setup>**. The available protocols include **<Pelco D>**, **<Pelco P>**, **<AD422>** and **<None>** (default). Note that ID number must match the ID address defined by the dome.
- To configure the RS-485 parameters, select **<System Setup>** from Main menu, and then select **<RS485 Setup>**. The default **Triplex MPEG-4 DVR** RS-485 settings are 9600 Baud, 8 Data Bits, 1 Stop Bit and No Parity.

#### Dome Control Button:



#### Basic Playback Operation

##### Searching Recorded Video by Time:

- Press **SEARCH** button to enter the **Search** menu; the From Time and End Time of the available video is listed on top of the screen. The value is unchangeable.
- Use Direction buttons to move the cursor for setting the Start Time; adjusting the date and time values by **UP/DOWN** keys. Press **ENTER** to confirm or **ESC** to abort.
- Move the cursor to **<Begin Playback>** and press **ENTER** to start playing back the selected video. Press **PLAY/STOP** again to return to live video.

**[NOTE]:** If there is no available recorded video that matches your specified time and date, the unit starts to playback from the next available video.

##### Searching Recorded Video by Event:

- Press **SEARCH** button to enter the **Search** menu.
- To search event video that was recorded on a specific camera, use **LEFT/RIGHT** keys to move the cursor and press **ENTER** to select or de-select a channel.
- Move the cursor to **<Event List>** and press **ENTER** to list the event video of the selected channels.
- The list displays each event by date, time, triggered camera and alarm type. The latest recorded event video will be listed on the top. To exit the event list, press **ESC**.
- Use **UP/DOWN** to scroll through the Event List. Press **ENTER** to play back the selected event record.

#### Playback Controls:

Button	Description
<b>LEFT</b>	The button is for rewinding the recorded video while playing back. Press the button repeatedly to increase the speed of reverse playback by 1x, 2x, 4x, 8x, 16x, or 32x.
<b>RIGHT</b>	The button is used to play the recorded video fast forward. Press the button repeatedly to increase the speed of forward playback by 1x, 2x, 4x, 8x, 16x, or 32x.
<b>FREEZE</b>	Press <b>FREEZE</b> to pause the playback video. When the recorded video is paused, press <b>LEFT / RIGHT</b> to resume playback video single step reverse / forward respectively. Press <b>FREEZE</b> again to continue playing video.
<b>PLAY/STOP</b>	Press to play back video or to stop playing back video and back to live mode.

#### Using Remote Software

##### Setup Requirements:

- Network connection to PC.
- IP address of your **Triplex MPEG-4 DVR**. To check the DVR's IP address, press **MENU** key on the unit and enter password to access OSD Main menu; select **<System Setup>**, **<Network Setup>** to check the IP.

#### Changing Internet Setting:

- Start IE; select **<Tools>** from the main menu of the browser, then **<Internet Options>** and then click the **<Security>** tab.

**[NOTE]:** To use the **DVRRemote** remote software, ActiveX component is required, and of all web browsers, only IE supports ActiveX.

- Select **<Trusted sites>** and click **<Sites>** to specify its security setting.
- Disable Require server verification (https:) for all sites in this zone. Type the IP address of the unit in field and click **<Add>** to add this website to the zone.
- Click **<OK>** to accept the settings and close the **<Security>** screen.

#### Using the Remote Software:

- Start IE and enter the IP address of your **Triplex MPEG-4 DVR** in the address field.
- The ActiveX controls and plug-ins dialog will show twice for confirmation, click **<YES>** to accept ActiveX plug-ins. The **DVRRemote** plug-ins will be downloaded and installed on your PC automatically when the connection is successfully made.

**[NOTE]:** Do not enter any leading 0 characters in the address, for example, "192.068.080.006" should be entered "192.68.80.6".

**[NOTE]:** If the default trigger port 80 is changed into another one, port 81 for example, you should enter the IP address as "192.68.80.6:81".

- Version verification starts automatically to verify whether **DvrRemote** was installed. This process may take up to 30 seconds.
- When the software is completely downloaded, the Login Screen is displayed.
- Enter your username and password. The default username and password is: user/ 4321.



For more information on **DVRRemote**, see **DVRRemote** user's manual.

#### DVR Remote Playback

##### To Playback Local \*.drv File:

- Click **<Open>** and the file selection screen is displayed. Select the \*.drv video file to playback and click **<OK>**.
- Click **<OK>** in the **<Local Playback>** Screen to start the operation, or click **<Cancel>** to abort the playback.
- View the video playback using the Playback controls.
- After playback, click **<Live>** to return to live video.

#### Playback Controls:

