

# Streaming Explorer V1.3 Step-by-Step Guide

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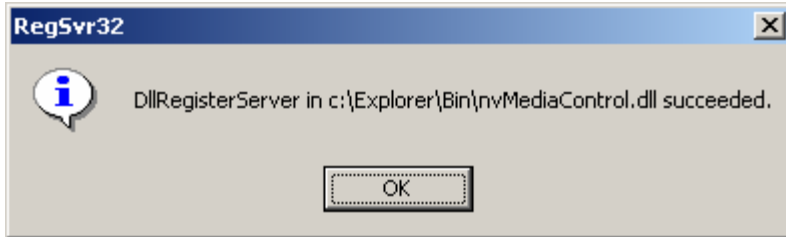
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# Installation

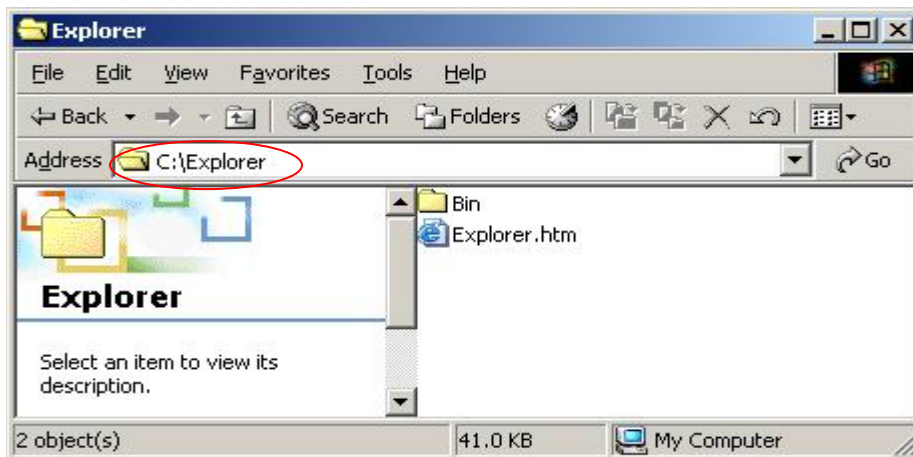
1. Running **setup.bat** in Explorer 1.3 folder

**DO NOT move SETUP.bat to another place**

2. Installation **nvMediaControl.dll** succeeded



3. The programs are installed under **C:\Explorer**



# Connection

After installation , you can copy “Explorer.htm” to Desktop to use

## Step 1: Open “Explorer.htm”

The image shows two dialog boxes from a software interface. The top dialog is titled "Connection" and contains several input fields, each with a red circle and a number pointing to it. The fields and their values are: Server IP: 172.16.1.61 (2), Multicast IP: (3), User Name: Admin (4), Password: masked with dots (5), Http Port: 80 (6), Register Port: 6000 (7), Control Port: 6001 (8), Streaming Port: 6002 (9), Multicast Port: 5000 (10), Connect TimeOut: 1 (11), Socket Size: 25.6 KB (12), and Preview Buffer: 3 (13). A "Connect" button is at the bottom. The bottom dialog is titled "Save Connection Setting" and has a dropdown menu for "Connection Set" showing "Lobby" (1) and a list for "Set Name" with options "1 - Lobby", "2 - Lab", and "3 - Parking Lot".

1. **Save Connection Setting:** When select on the connection set listing, it will bring up the original configuration from previous setting, including IP address, Account, Password, Port information and PTZ configuration information.
2. **Server IP Address\*:** Connect to the video server with unicast (TCP) connection.
3. **Multicast IP Address:** Subscribe to a multicast network to retrieve video packets.
4. **User Name:** the account to be authorized by the video server.
5. **Password:** the password to be authorized by the video server.
6. **HTTP Port:** the port number for HTTP port on the device
7. **Register Port:** the port number for Registration port on the device
8. **Control Port:** the port number for Control port on the device
9. **Streaming Port:** the port number for Streaming port on the device
10. **Multicast Port:** the port number for Multicast port on the device
11. **Connection Timeout :** set the timeout value to connect the IP device. If we set it to 3 seconds, then, the maximum timeout value is 3 seconds.
12. **Socket Size:** choose the network transport socket size, if your network is very busy or you use the wireless network, you can choose the socket size to let our

software get package to be better performance. When the socket size is small, it will be easier to be operated under unstable bandwidth environment.

13. **Preview Buffer:** choose the video server preview buffer size. Our default is 3 frame.

## Step 2: Connection

1. Give Server IP address : Network IP or Internet IP
2. then Press “connect” button
3. you can see the image on the preview window



### Step 3: Disconnection

1. If you want to quit preview window
2. press “Disconnect” button

**Connection** -

Server IP: 172.16.1.134

Full Screen Disconnect

Mute ON Mute OFF

**Save Connection Setting** +

**PTZ Setting** -

Vendor: DynaColor

Protocol: DynaColor

Protocol File:

Address ID: 1

Parity: N81

BaudRate: 9600

EnablePTZ

**Digital Output** -

DO1 ON DO1 OFF DO2 ON DO2 OFF

# PTZ Function

## Step 1 : Enable PTZ

1. Select your IP Speed Dome model **OR** open a Protocol File
2. then open Explorer to connection camera
3. Press “ EnablePTZ” button



4. you can see the whole PTZ function key to set.

The screenshot displays the 'Streaming Explorer v1.3.0' web interface. On the left, the 'Connection' section shows 'Server IP: 172.16.1.61' and buttons for 'Full Screen', 'Disconnect', 'Mute ON', and 'Mute OFF'. Below this, the 'Save Connection Setting' section is circled in red; it includes a 'Connection Set' dropdown menu set to '1 - Lobby', a 'Set Name' text field containing 'Lobby', and a 'Save Setting' button. Further down are sections for 'PTZ Setting' (Protocol: CAM-6100, Pelco-D; Setting: N81, 4800, 1; DisablePTZ button), 'Digital Output' (DO1 ON/OFF, DO2 ON/OFF), 'Pan / Tilt' (Enable/Disable Mouse PTZ, directional buttons, Pan/Tilt Speed, Home), 'Zoom / Iris / Focus' (Zoom In/Out, Iris Open/Close, Focus In/Out, Auto Iris/Focus), 'OSD' (OSD On/Off, Up/Down/Left/Right, Enter/Leave), and 'Preset' (Set and Goto grids, Patrol button). On the right, the 'Preview' window shows a live camera feed of an outdoor area with a bus and a building, with a 'PTZ REC' indicator in the top right corner.

You can also Enter “Set Name”, and click on “Save Setting” to save the configuration to system. And when you login next time, you can bring up this configuration easily by choosing the same “Connection Set”.



## Step 2 : Disable PTZ

1. Press “DisablePTZ” button to end

|  |   |                                       |  |
|--|---|---------------------------------------|--|
| <b>Connection</b> -                        |   |                                       |  |
| Server IP:                                 | 172.16.1.134                              |                                       |  |
| <input type="button" value="Full Screen"/> | <input type="button" value="Disconnect"/> |                                       |  |
| <input type="button" value="Mute ON"/>     | <input type="button" value="Mute OFF"/>   |                                       |  |
| <b>Save Connection Setting</b> +           |   |                                       |  |
| <b>PTZ Setting</b> -                       |   |                                       |  |
| Protocol:                                  | DynaColor ,<br>DynaColor                  |                                       |  |
| Setting:                                   | N81 , 9600 , 1                            |                                       |  |
| <input type="button" value="DisablePTZ"/>  |   |                                       |  |
| <b>Digital Output</b> -                    |   |                                       |  |
| <input type="button" value="DO1 ON"/>      | <input type="button" value="DO1 OFF"/>    | <input type="button" value="DO2 ON"/> | <input type="button" value="DO2 OFF"/> |

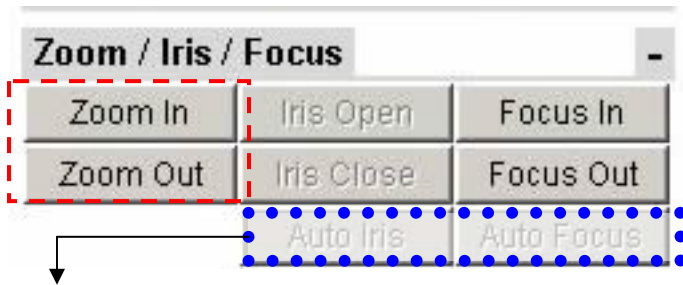
### Step 3: Pan / Tilt Function Setup

| Pan / Tilt       |      |                   |
|------------------|------|-------------------|
| Enable Mouse PTZ |      | Disable Mouse PTZ |
| Up Left          | Up   | Up Right          |
| Left             |      | Right             |
| Down Left        | Down | Down Right        |
| Pan Speed:       | 3    | Stop              |
| Tilt Speed:      | 3    | Home              |

1. Pan speed : 1 ~ 5 to adjust
2. Tilt Speed : 1 ~ 5 to adjust
3. Stop button : To some machines cannot auto-stop use.
4. Home button : To some machines have "Home" key function use
5. Direction : Up Left / Up Right / Left / Right / Down Left / Down / Down Right button  
Press button to adjust location.

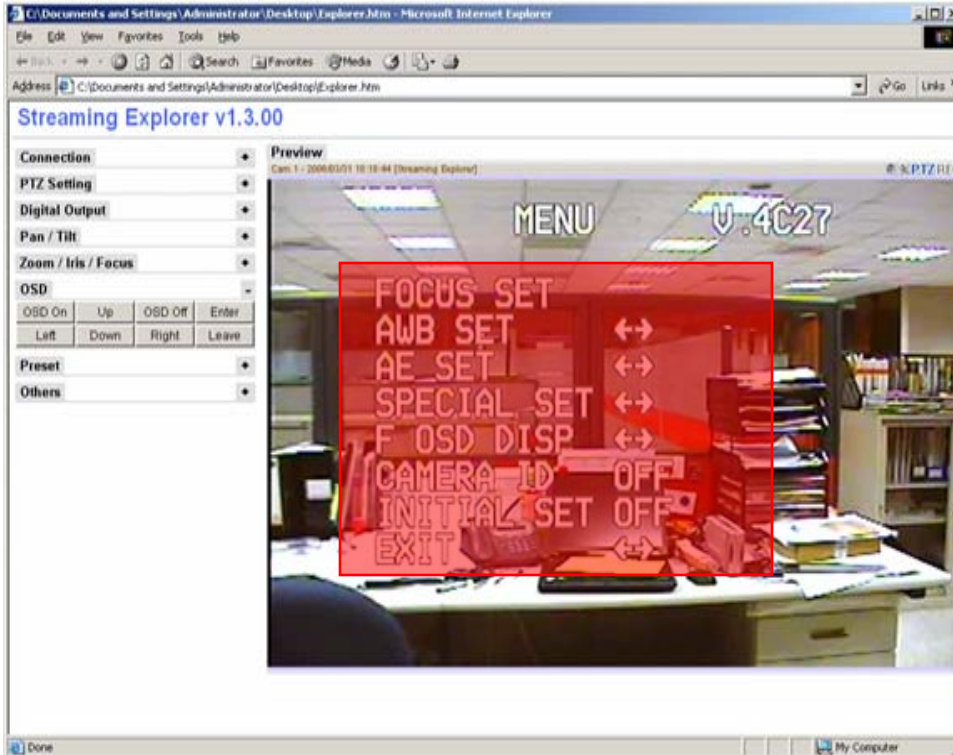
#### Step 4: Zoom / Iris / Focus Function Setup

1. Zoom Function : Press “Zoom In” /”Zoom Out” button to view
2. IRIS Function : Press “Iris Open” / Iris Close”
3. Focus Function : Press “Focus In” to sharpen the focus on the view  
Press “Focus Out” to loosen the focus on the view



**If you see the function key is disenable , the meaning is your device doesn't support , you cannot use it.**

## Step 5: OSD Function Setup



Your speed dome **MUST** has **OSD** function to support .

1. OSD on : To open OSD function via speed dome
2. OSD off : To close OSD function
3. UP / Down / : To select Menu.
4. Left / Right : function mode to setup
5. Enter : into function mode to set up.
6. Leave : According to different the OSD function of speed dome to support.  
Quit function mode , Exit Menu , or select items to set .



## Step 6: Preset Function Setup

1. Set up indicating current position

To decide your position then click Number 1 - 16 to set

2. Goto current Position

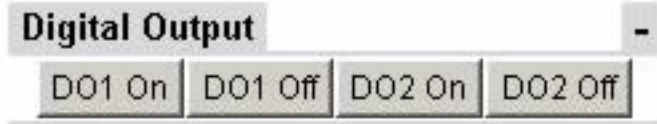
Choosing number 1-16 make sure position

3. Patrol : auto run position

| Preset |   |    |    |    |    |    |    | -  |
|--------|---|----|----|----|----|----|----|----|
| Set    | 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  |
|        | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Goto   | 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  |
|        | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Patrol |   |    |    |    |    |    |    |    |

## Step 7: DI / DO Function Setup

1. DO1 On/Off : Set event DO1 trigger
2. DO2 On/Off : Set event DO2 trigger



## Step 8: Others Key Setup

1. BLC : Back Light Control

| Others     |         |         |
|------------|---------|---------|
| Day Mode   | BLC On  | Privacy |
| Night Mode | BLC Off |         |

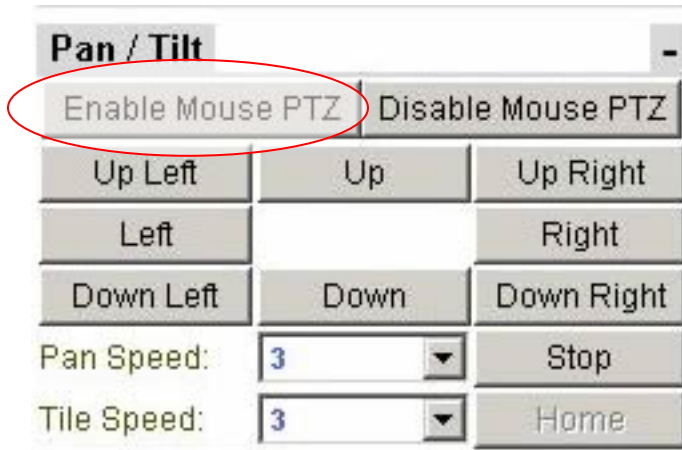
Your Speed dome **MUST** has **BLC** function support .

# Mouse PTZ Function

Using **MOUSE** do PTZ any function

## Step 1 : Enable Mouse PTZ

1. In **Pan/Tilt** item to click “Enable Mouse PTZ” button



## Step 2 : Mouse on preview window do adjust position

1. Mouse move to preview window , can see cursor is showing





2. Moving your cursor do adjust position

3. Cursor Meaning



: Up



: Down



: Left



: Right



: Up Left



: Up Right



: Down Left



: Down Right



: Zoom In



: Zoom Out

### Step 3 : Disable Mouse PTZ

Click “Disable Mouse PTZ” Button to stop

|                   |                   |            |      |
|-------------------|-------------------|------------|------|
| <b>Pan / Tilt</b> |                   |            | -    |
| Enable Mouse PTZ  | Disable Mouse PTZ |            |      |
| Up Left           | Up                | Up Right   |      |
| Left              |                   | Right      |      |
| Down Left         | Down              | Down Right |      |
| Pan Speed:        | 3                 | ▼          | Stop |
| Tilt Speed:       | 3                 | ▼          | Home |