

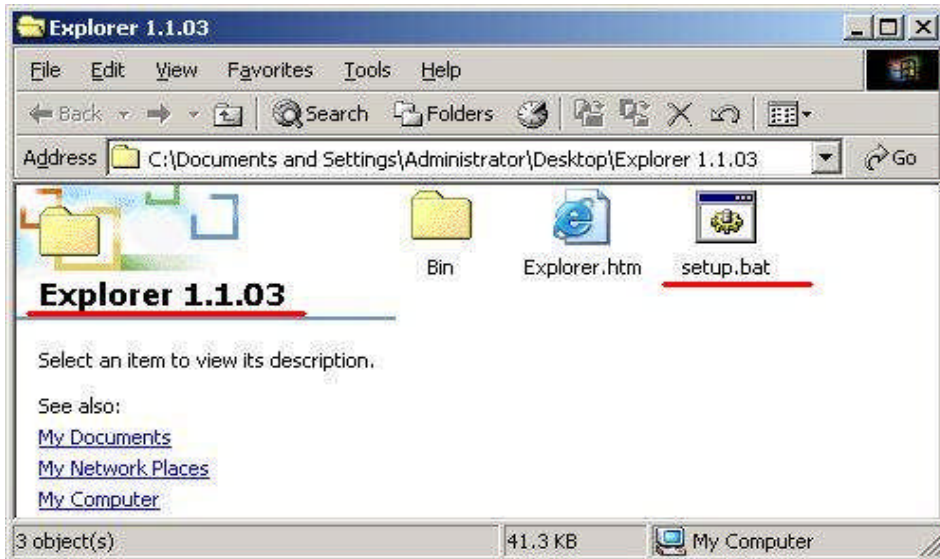
How to use Streaming Explorer V1.2?

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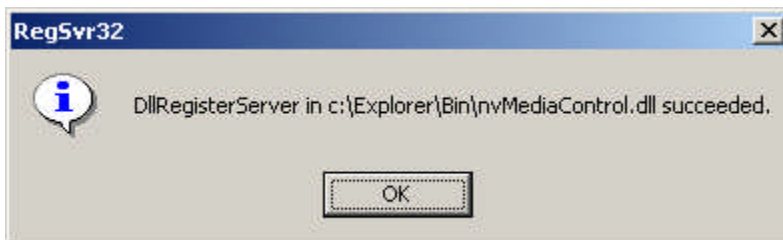
Installation

1. Running **setup.bat** in Explorer 1.2.03 folder

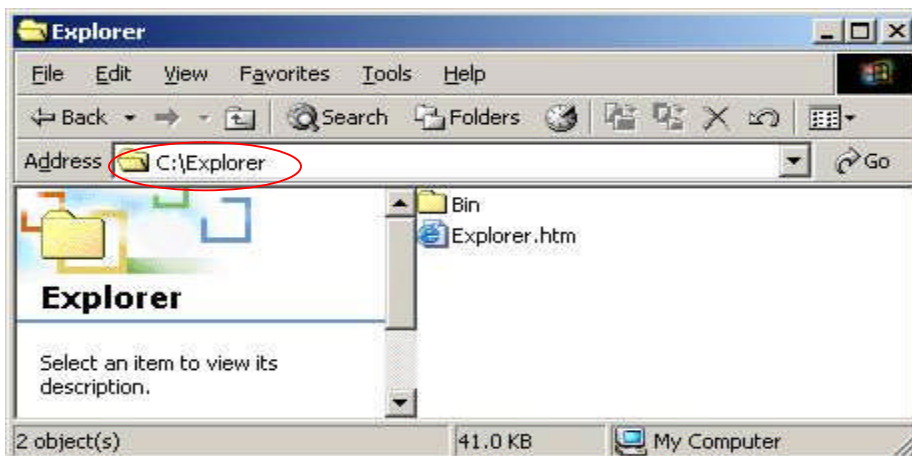


DO NOT move **SETUP.bat** to another place

2. Installation **nvMediaControl.dll** succeeded



3. you can see the "Explorer" folder on the C:\ path



Connection

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

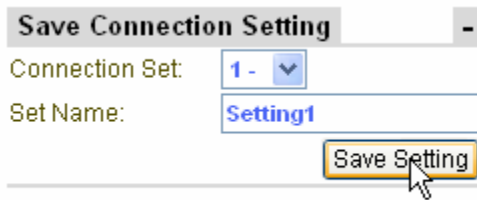
Step 1: Open “Explorer.htm”

The image shows two dialog boxes. The top one is titled "Connection" and contains several input fields with red numbers 2 through 9 next to them. The fields are: Server IP, Multicast IP, User Name, Password, Http Port (80), Register Port (6000), Control Port (6001), Streaming Port (6002), Multicast Port (5000), Connect TimeOut (1), Socket Size (25.6 KB), and Preview Buffer (3). Below these fields is a "Connect" button. The bottom dialog box is titled "Save Connection Setting" and has a "Connection Set" dropdown menu with options 1, 2, 3, and 4. A red box highlights this dropdown, and a red number "1." is placed to its left. There is also a "Set Name" text field and a "Save Setting" button.

1. **Connection Set:** Select a set to save Server IP, User Name, and Password for next time using.
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. **Port Setup:** the port number to be authorized by the video server.
7. **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.
8. **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.
9. **Preview Buffer:** choose the video server preview buffer size. Our default is 3 frames.

Step 2: Save Connection Setting

1. After input connection setting, type the set name and click to save setting.



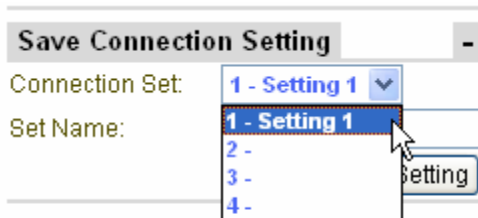
Save Connection Setting -

Connection Set: 1 - ▾

Set Name: Setting1

Save Setting

2. After save setting, you can select sets to load settings.



Save Connection Setting -

Connection Set: 1 - Setting 1 ▾

Set Name: Setting

1 - Setting 1

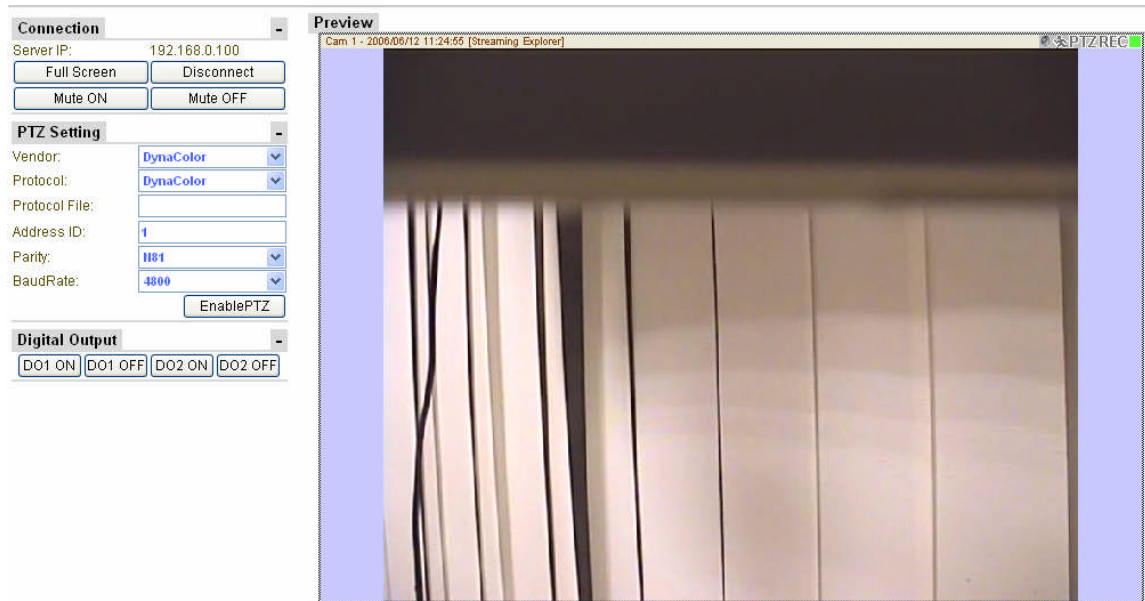
2 -

3 -

4 -

Step 3: 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



Connection -

Server IP: 192.168.0.100

Full Screen Disconnect

Mute ON Mute OFF

PTZ Setting -

Vendor: DynaColor ▾

Protocol: DynaColor ▾

Protocol File:

Address ID: 1

Parity: N81 ▾

BaudRate: 4800 ▾

EnablePTZ

Digital Output -

DO1 ON DO1 OFF DO2 ON DO2 OFF

Preview

Cam 1 - 2008/06/12 11:24:55 [Streaming Explorer]

PTZREC

Step 4: Disconnection

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

Connection		-
Server IP:	192.168.0.100	
<input type="button" value="Full Screen"/>	<input type="button" value="Disconnect"/>	
<input type="button" value="Mute ON"/>	<input type="button" value="Mute OFF"/>	

PTZ Setting		-
Protocol:	DynaColor , DynaColor	
Setting:	N81 , 9600 , 1	
	<input type="button" value="DisablePTZ"/>	

Digital Output		-	
<input type="button" value="DO1 ON"/>	<input type="button" value="DO1 OFF"/>	<input type="button" value="DO2 ON"/>	<input type="button" value="DO2 OFF"/>

Pan / Tilt		-
<input type="button" value="Enable Mouse PTZ"/>	<input type="button" value="Disable Mouse PTZ"/>	
<input type="button" value="Up Left"/>	<input type="button" value="Up"/>	<input type="button" value="Up Right"/>
<input type="button" value="Left"/>		<input type="button" value="Right"/>
<input type="button" value="Down Left"/>	<input type="button" value="Down"/>	<input type="button" value="Down Right"/>
Pan Speed:	<input type="text" value="3"/>	<input type="button" value="Stop"/>
Tilt Speed:	<input type="text" value="3"/>	<input type="button" value="Home"/>

Zoom / Iris / Focus		-
<input type="button" value="Zoom In"/>	<input type="button" value="Iris Open"/>	<input type="button" value="Focus In"/>
<input type="button" value="Zoom Out"/>	<input type="button" value="Iris Close"/>	<input type="button" value="Focus Out"/>
	<input type="button" value="Auto Iris"/>	<input type="button" value="Auto Focus"/>

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 “ Enable PTZ” button

The screenshot displays a web-based control interface for PTZ (Pan/Tilt/Zoom) functions. It is organized into three main sections:

- Connection:** Shows the Server IP as 192.168.0.100. It includes buttons for Full Screen, Disconnect, Mute ON, and Mute OFF.
- PTZ Setting:** Contains dropdown menus for Vendor (DynaColor) and Protocol (DynaColor). It also has input fields for Protocol File, Address ID (set to 1), Parity (H81), and BaudRate (9600). A yellow button labeled "EnablePTZ" is circled in red.
- Digital Output:** Features four buttons: DO1 ON, DO1 OFF, DO2 ON, and DO2 OFF.

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

The screenshot displays a web-based control interface for a PTZ camera. The interface is divided into several functional sections:

- Connection:** Shows the server IP as 192.168.0.100. It includes buttons for Full Screen, Disconnect, Mute ON, and Mute OFF.
- PTZ Setting:** Displays the protocol as DynaColor and the setting as N81, 9600, 1. A DisablePTZ button is present.
- Digital Output:** Features four buttons: DO1 ON, DO1 OFF, DO2 ON, and DO2 OFF.
- Pan / Tilt:** Includes an Enable Mouse PTZ and Disable Mouse PTZ option. Navigation buttons include Up Left, Up, Up Right, Left, Right, Down Left, and Down. Speed controls for Pan (set to 3) and Tilt (set to 3) are available, along with Stop and Home buttons.
- Zoom / Iris / Focus:** Contains buttons for Zoom In, Iris Open, Focus In, Zoom Out, Iris Close, Focus Out, Auto Iris, and Auto Focus.
- OSD:** Provides OSD On/Off, Up/Down/Left/Right navigation, and Enter/Leave buttons.
- Preset:** Features a Set and Goto grid of 16 numbered buttons (1-16) and a Patrol button.

On the right side, a **Preview** window shows a live video feed from 'Cam 1 - 2006/06/12 11:29:09 [Streaming Explorer]'. The video shows a room with vertical blinds. A PTZREC indicator is visible in the top right corner of the preview window.

Step 2: Disable PTZ

1. Press “Disable PTZ” button to end

Connection -			
Server IP:	192.168.0.100		
<input type="button" value="Full Screen"/>	<input type="button" value="Disconnect"/>		
<input type="button" value="Mute ON"/>	<input type="button" value="Mute OFF"/>		
PTZ Setting -			
Protocol:	DynaColor , DynaColor		
Setting:	N81 , 9600 , 1		
	<input type="button" value="DisablePTZ"/>		
Digital Output -			
<input type="button" value="DO1 ON"/>	<input type="button" value="DO1 OFF"/>	<input type="button" value="DO2 ON"/>	<input type="button" value="DO2 OFF"/>

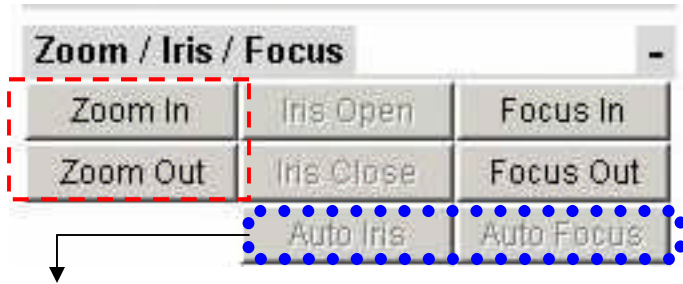
Step 3: Pan / Tilt Function Setup

Pan / Tilt -		
<input type="button" value="Enable Mouse PTZ"/>		<input type="button" value="Disable Mouse PTZ"/>
<input type="button" value="Up Left"/>	<input type="button" value="Up"/>	<input type="button" value="Up Right"/>
<input type="button" value="Left"/>		<input type="button" value="Right"/>
<input type="button" value="Down Left"/>	<input type="button" value="Down"/>	<input type="button" value="Down Right"/>
Pan Speed:	<input type="text" value="3"/>	<input type="button" value="Stop"/>
Tilt Speed:	<input type="text" value="3"/>	<input type="button" value="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 disabling, 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 functions of speed dome to support.
Quit function mode, Exit Menu, or select items to set.



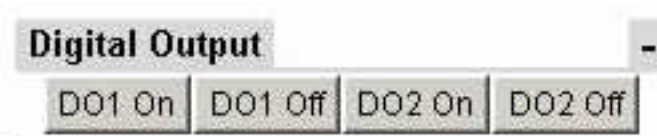
Step 6: Preset Function Setup

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



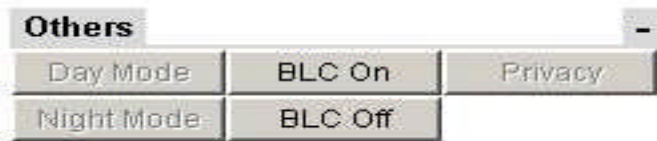
Step 7: DI / DO Function Setup

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



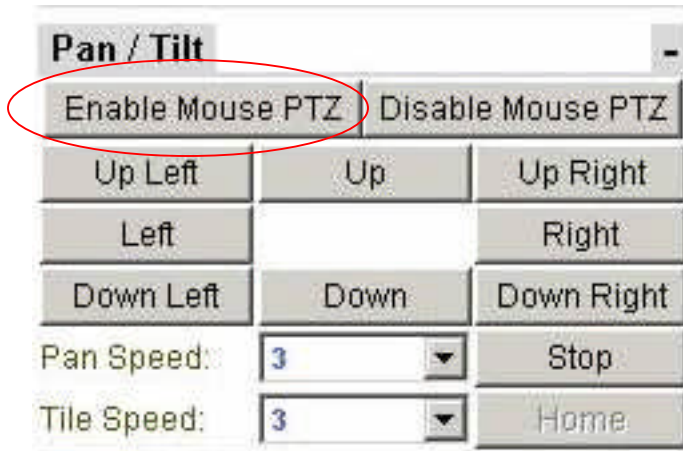
Your Speed dome **MUST** has **BLC** function support .

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

