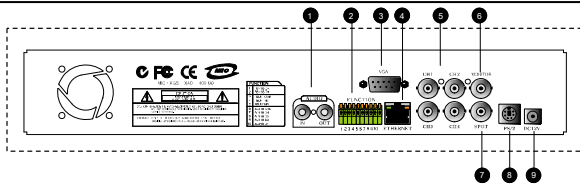


### Button Controls



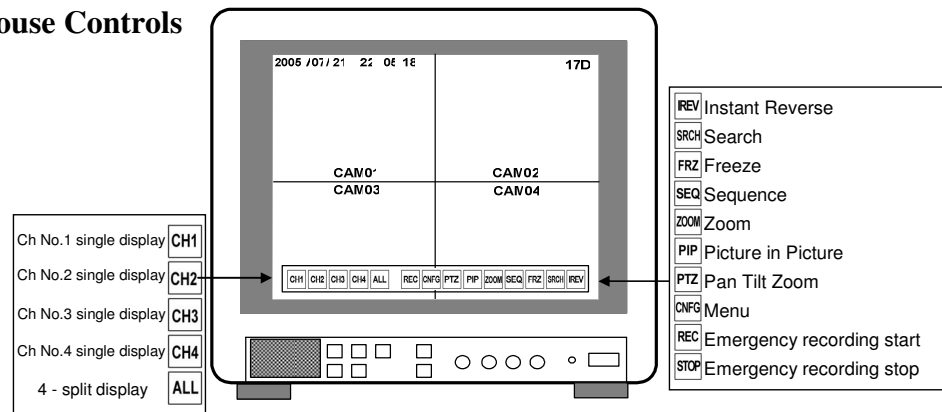
Name	Function		
① USB HOST	Used for data backup & firmware upgrade.		
② LED Lamps	Displays current operation status.		
③ Record/playback	EMERG	Activates emergency recording mode or stops recording at live mode. Gets back to live model from playback mode.	
	I.REC	Timer function for EMERG Rec. (During EMERG Rec.) By pressing I.REC button, 1/2/3/4/5min long timer and I.REC off (Timer off) is selected.	
	I.PLAY	Backward playback from the latest recorded data	
	⏪	Increases playback speed	
	⏴	Backward playback	
	⏸	Pause	
	⏵	Forward playback	
	⏩	Decreases playback speed	
	④ Operation buttons	Double-key : 'short press' or 'press & hold'.	
		CH1 / ZOOM	Short press : selects channel no. 1. Press & hold : goes to ZOOM function mode.
CH2 / SEQ		Short press : selects channel no. 2. Press & hold : goes to sequence function.	
CH3 / PIP		Short press : goes to PIP (picture in picture) mode. Press & hold : selects channel no. 3.	
CH4 / PTZ		Short press : selects channel no. 4. Press & hold : goes to PTZ operation mode.	
MENU		Short press : goes to system menu setup mode. Press & hold : Menu off	
⏶		Selects 4-split display or one channel display.	
⑤ Arrow buttons	+-	Increase or decrease each value. PTZ ZOOM control	
	⏴⏵	Moves a mouse cursor at system menu / PTZ control	
	OK	Works like mouse clicking. Selects each category at system menu setup mode.	

### Device connections

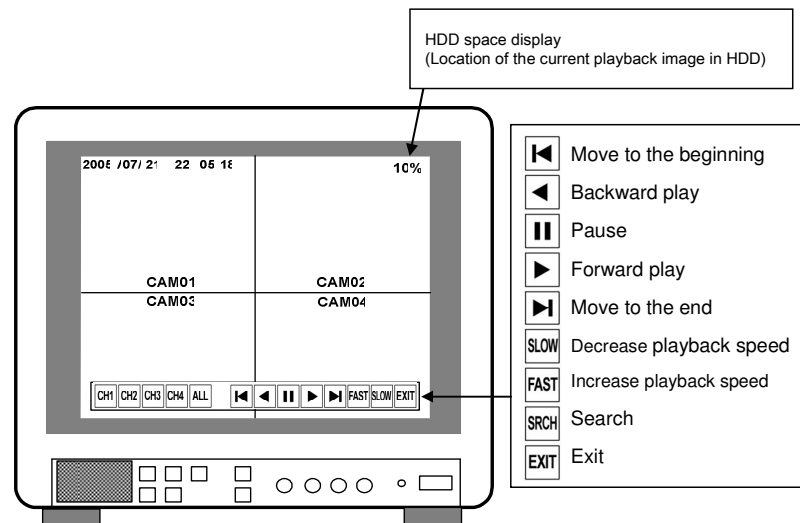


Name	Function	
1	Audio input	1ch audio input
	Audio output	1ch audio output
2	RS 485	Connection with PTZ camera or other external device using RS 485
	Relay output	Relay out terminal
	Sensor input	Sensor input terminal
3	VGA	Connection to VGA monitor (CRT or TFT LCD monitor)
4	Ethernet	Connection to Ethernet device
5	Camera input	4ch camera input (NTSC/ PAL)
6	Monitor output	1ch composite monitor output (NTSC/ PAL)
7	Spot monitor output	1ch spot monitor output (NTSC/ PAL)
8	PS/2	Connection to PS/2 Mouse
9	DC power	DC 12V

### Mouse Controls



Live Display



Playback Display

**Technical Support: 1-866-446-3595 Ext 241 or 242**

# How to set up your DVR for remote access from the Internet using DDNS (Dynamic Domain Name Service)

## Accessing DDNS Setup

**DVR LOG-IN**

USER ID ADMIN  
 USER PW \_\_\_\_\_

1 2 3 4 5 6 7 8 9

ENTER EXIT

**MAIN MENU**

DISPLAY SETUP  
 RECORD  
 CONFIGURATION  
**EXTERNAL DEVICE**  
 BACK-UP  
 FIRMWARE UPGRADE  
 FACTORY DEFAULT  
 LANGUAGE

**EXTERNAL DEVICE**

TCP/IP SETUP  
 PAN/TILT SETUP  
 MOUSE SETUP  
 AUDIO SETUP

**TCP/IP SETUP**

IP SETUP  
 DDNS SETUP  
 BAUD RATE

Click the CNFG button or push the menu button.  
 The above screen will appear. If you have assigned a password click the numbers or push the buttons on the front of the DVR to enter your password if no password has been assigned then just click Enter.

## Simple DDNS Registration

**DDNS SETUP**

DDNS ENABLE **ON**

DNS SERVER 72.243.193.254

INTERVAL D-00 H-00 M-20

**REGISTER**

Click here to register the DVR.

USER ID REMOTE

DDNS STATUS REGISTER OK

IP ADDRESS 192.168.001.160

IP PORT 50000

REMAIN TIME D-00 H-00 M-20

LAST REGISTRATION DATE

> WED. 12 JUL 2006 09:21:36 GMT

SUCCESS TO REGISTER DVR INFO

Address http://za.dwdns.com/remote

\* If you are using a router, you need to do "port forwarding" or "DMZ setting".



1 Open Internet Explorer and type in the address as seen here in the address bar. In this example we used "remote" as the user ID. Use the same name that you used in DDNS SETUP. Then push enter or click go.

2 You should see this screen

3 Click here to access the viewer.

4 Once you have accessed the viewer click the connect button and live video will appear.

\*follow steps 1-3\*

\*follow steps 1-4\*