

2 Overview and Controls

This section provides information about front panel and rear panel. When you install this series DVR for the first time, please refer to this part first.

2.1 Front Panel

2.1.1 1.5U Series

The front panel is shown as in Figure 2-1.

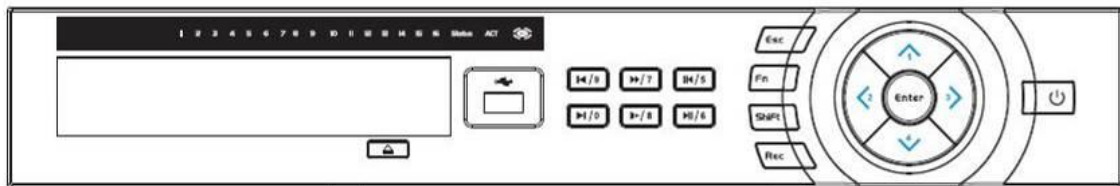









Figure 2-1

Please refer to the following sheet for front panel button information.

Name	Icon	Function
Power button		Power button, press this button for three seconds to boot up or shut down DVR.
Shift	Shift	In textbox, click this button to switch between numeral, English(Small/Capitalized),donation and etc.
Up/1 Down/4		Activate current control, modify setup, and then move up and down.
		Increase/decrease numeral.
		Assistant function such as PTZ menu.
Left/2 Right/3		In text mode, input number 1/4 (English character G/H/I)
		Shift current activated control, When playback, click these buttons to control playback bar. In text mode, input number 2(English character A/B/C) 3(English character D/E/F)
ESC	ESC	Go to previous menu, or cancel current operation.
		When playback, click it to restore real-time monitor mode.
Enter	ENTER	Confirm current operation
		Go to default button
		Go to menu

Record	REC	Manually stop/start recording, working with direction keys or numeral keys to select the recording channel.
Slow play/8		Multiple slow play speeds or normal playback. In text mode, input number 8 (English character T/U/V).
Assistant	Fn	One-window monitor mode, click this button to display assistant function: PTZ control and image color.
		Backspace function: in numeral control or text control, press it for 1.5seconds to delete the previous character before the cursor.
		In motion detection setup, working with Fn and direction keys to realize setup.
		In text mode, click it to switch between numeral, English character(small/capitalized) and etc.
		Realize other special functions.
Fast play/7		Various fast speeds and normal playback. In text mode, input number 7 (English character P/Q/R/S).
Play previous/0		In playback mode, playback the previous video In text mode, input number 0.
Reverse/Pause/6		In normal playback or pause mode, click this button to reverse playback In reverse playback, click this button to pause playback.
Play Next/9		In playback mode, playback the next video In menu setup, go to down ward of the dropdown list. In text mode, input number 9 (English character W/X/Y/Z)
Play/Pause /5		In normal playback click this button to pause playback In pause mode, click this button to resume playback. In text mode, input number 5(English character J/K/L).
USB port		To connect USB storage device, USB mouse.
Network abnormal indication light	Net	Network error occurs or there is no network connection, the light becomes red to alert you.
HDD abnormal indication light	HDD	HDD error occurs or HDD capacity is below specified threshold value, the light becomes red to alert you.
Record light	1-16	System is recording or not. It becomes on when system is recording.

2.1.2 2U Series

This series products' front panel is shown as below. See Figure 2-2.

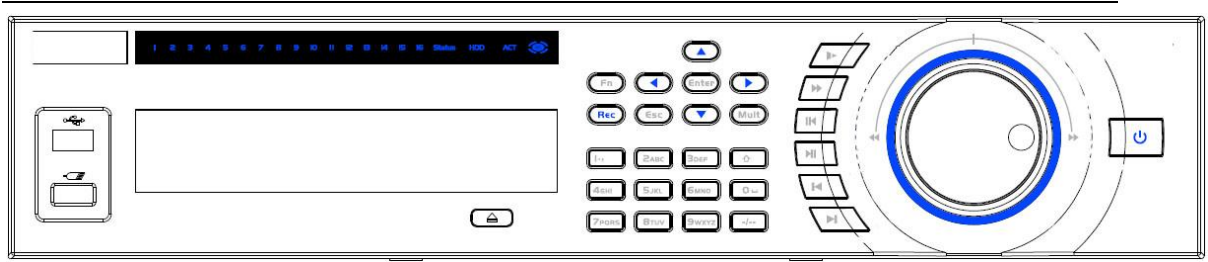



Figure 2-2

Please refer to the following sheet for front panel button information.

Name	Icon	Function
Power button	●	Power button, press this button for three seconds to boot up or shut down DVR.
Number button	0-9	Input Arabic number Switch channel
Input number more than 10	-/--	If you want to input a number more than 10, please click this button and then input.
Shift	↑	In textbox, click this button to switch between numeral, English(Small/Capitalized),donation and etc.
		Enable or disable tour.
Fast play	▶▶	Various fast speeds and normal playback.
Slow play	▶▶	Multiple slow play speeds or normal playback.
Play/Pause	▶	In normal playback click this button to pause playback In pause mode, click this button to resume playback.
Reverse/Pause	◀	In normal playback or pause mode, click this button to reverse playback In reverse playback, click this button to pause playback.
Play previous	◀	In playback mode, playback the previous video
Play Next	▶	In playback mode, playback the next video In menu setup, go to down ward of the dropdown list.
Up/ Down	▲、▼	Activate current control, modify setup, and then move up and down.
		Increase/decrease numeral.
		Assistant function such as PTZ menu.
Left/ Right	◀ ▶	Shift current activated control, and then move left and right.
		When playback, click these buttons to control playback bar.

ESC	ESC	Go to previous menu, or cancel current operation.
		When playback, click it to restore real-time monitor mode.
Enter	ENTER	Confirm current operation
		Go to default button
		Go to menu
Assistant	Fn	One-window monitor mode, click this button to display assistant function: PTZ control and image color.
		Backspace function: in numeral control or text control, press it for 1.5 seconds to delete the previous character before the cursor.
		In motion detection setup, working with Fn and direction keys to realize setup.
		In text mode, click it to switch between numeral, English character(small/capitalized) and etc.
		In HDD management interface, you can click it to switch HDD record information and other information (Menu prompt)
		Realize other special functions.
Record	REC	Manually stop/start recording, working with direction keys or numeral keys to select the recording channel.
Window switch	Mult	Click it to switch one-window/multiple-window.
Shuttle(outer ring)		In real-time monitor mode it works as left/right direction key. Playback mode, counter clockwise to forward and clock wise to backward.
Jog(inner dial)		Up/down direction key. Playback mode, turn the inner dial to realized frame by frame playback. (Only applies to some special versions.)
USB port		To connect USB storage device, USB mouse, burner and etc.
Record light	1-32	For 4/8/16 channel device: indication light on means that the channel is in recording.
		For 32 channel device: Indication Light on: 1-16 channel is in recording Indication Light flashes: 17-32 channel is in recording Indication Light normally on: the corresponding channels are in recording
Remote control indication light	ACT	Remote control indication light

Status indication light	Status	The light is on if device operates properly.
Power indication light	PWR	Power indication light
IR Receiver	IR	It is to receive the signal from the remote control.

2.1.3 Premium General 4-HDD 720P (S2) 1.5U Series

The front panel is shown as below. See Figure 2-3.

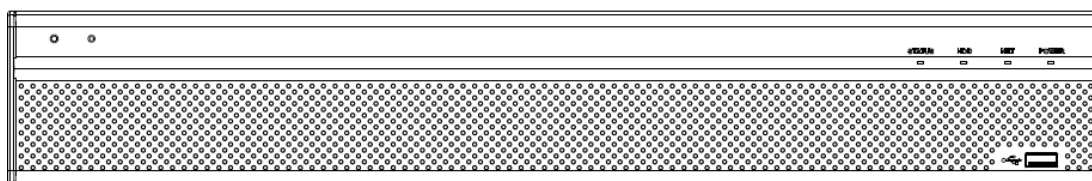



Figure 2-3

Please refer to the following sheet for front panel button information.

Icon	Name	Function
STATUS	Status indicator light	The blue light is on when the device is working properly.
HDD	HDD status indicator light	The blue light is on when the HDD is malfunction.
NET	Network status indicator light	The blue light is on when the network connection is abnormal.
POWER	Power status indicator light	The blue light is on when the power connection is OK.
	USB2.0 port	Connect to peripheral USB 2.0 storage device, mouse, burner and etc.

2.1.4 Premium General 720P (S2) 2U Series

The front panel is shown as below. See Figure 2-4.

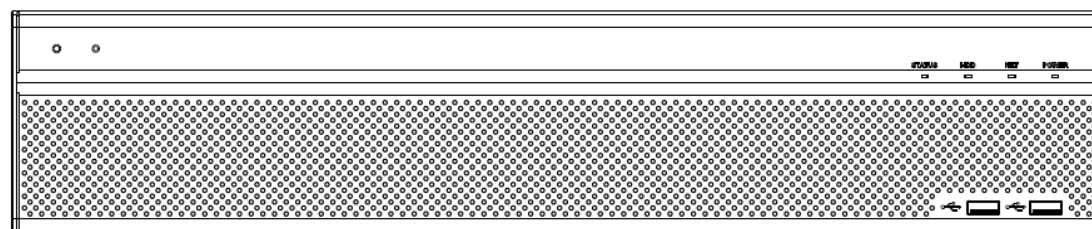



Figure 2-4

Please refer to the following sheet for front panel button information.

Icon	Name	Function
STATUS	Status indicator light	The blue light is on when the device is working properly.

Icon	Name	Function
	HDD status indicator light	The blue light is on when the HDD is malfunction.
	Network status indicator light	The blue light is on when the network connection is abnormal.
	Power status indicator light	The blue light is on when the power connection is OK.
	USB2.0 port	Connect to peripheral USB 2.0 storage device, mouse, burner and etc.

2.1.5 Advanced 1080P 2U RAID Series

The front panel is shown as below. See Figure 2-5.

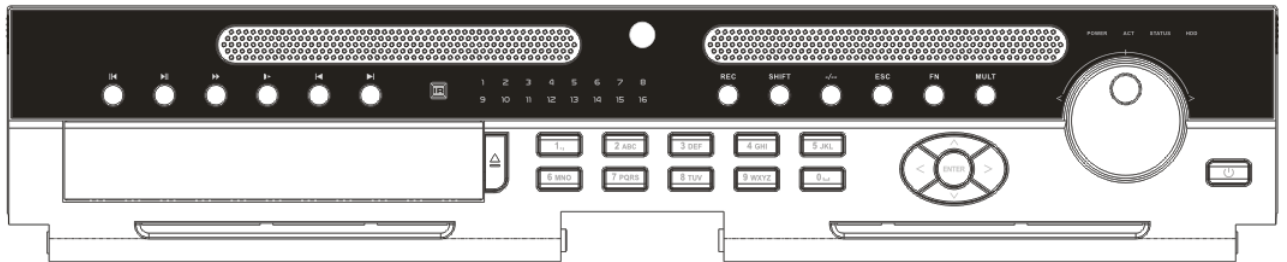




Figure 2-5

Please refer to the following sheet for front panel button information.

Name	Icon	Function
Power button		Power button, press this button for three seconds to boot up or shut down DVR.
Number button	0-9 and etc	Input Arabic number Switch channel
Record	REC	Manually stop/start recording, working with direction keys or numeral keys to select the recording channel.
Input number more than 10	-/--	If you want to input a number more than 10, please click this button and then input.
ESC	ESC	Go to previous menu, or cancel current operation.
		When playback, click it to restore real-time monitor mode.
Assistant	Fn	One-window monitor mode, click this button to display assistant function: PTZ control and image color.
		Backspace function: in numeral control or text control, press it for 1.5seconds to delete the previous character before the cursor.
		In motion detection setup, working with Fn and direction keys to realize setup.

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		<p>In text mode, click it to switch between numeral, English character(small/capitalized) and etc.</p> <p>In HDD management interface, you can click it to switch HDD record information and other information (Menu prompt)</p> <p>Realize other special functions.</p>
Window switch	Mult	Click it to switch one-window/multiple-window.
Shift	↑	<p>In textbox, click this button to switch between numeral, English(Small/Capitalized),donation and etc.</p> <p>Enable or disable tour.</p>
Up/ Down	▲, ▼	<p>Activate current control, modify setup, and then move up and down.</p> <p>Increase/decrease numeral.</p> <p>Assistant function such as PTZ menu.</p>
Left/ Right	◀ ▶	<p>Shift current activated control, and then move left and right.</p> <p>When playback, click these buttons to control playback bar.</p>
Slow play	▶	Multiple slow play speeds or normal playback.
Fast play	▶▶	Various fast speeds and normal playback.
Play previous	◀	In playback mode, playback the previous video
Reverse/Pause	 ◀	<p>In normal playback or pause mode, click this button to reverse playback</p> <p>In reverse playback, click this button to pause playback.</p>
Play Next	▶	<p>In playback mode, playback the next video</p> <p>In menu setup, go to down ward of the dropdown list.</p>
Play/Pause	▶ 	<p>In normal playback click this button to pause playback</p> <p>In pause mode, click this button to resume playback.</p>
Enter	ENTER	<p>Confirm current operation</p> <p>Go to default button</p> <p>Go to menu</p>
Shuttle(outer ring)		<p>In real-time monitor mode it works as left/right direction key.</p> <p>Playback mode, counter clockwise to forward and clock wise to backward.</p>

Jog(inner dial)		Up/down direction key. Playback mode, turn the inner dial to realized frame by frame playback. (Only applies to some special versions.)
USB port		To connect USB storage device, USB mouse.
Channel indication light	1-16	It becomes on when system is recording.
IR Receiver	IR	It is to receive the signal from the remote control.
Power indication light	POWER	Power indication light
Remote control indication light	ACT	Remote control indication light
Status indication light	STATUS	If there is Fn indication light, current status indication light is null.
HDD abnormal indication light	HDD	The indication light is on when there is no HDD, HDD error occurred or HDD capacity is below specified threshold value.

2.2 Rear Panel

2.2.1 4/8-Channel Advanced 1080P 1.5U Series

This series products' rear panel is shown as below. See Figure 2-6.

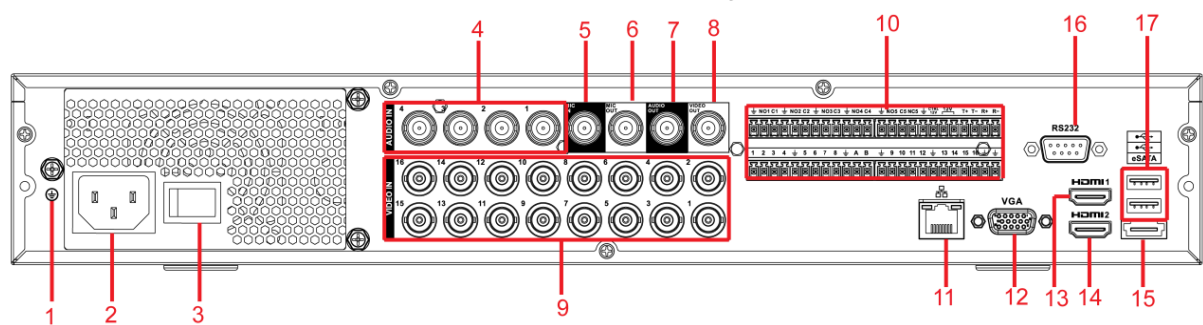







Figure 2-6

Please refer to the following sheet for detailed information.

SN	Icon	Name	Function
1		GND	Ground port
2		Power socket	Power input port

SN	Icon	Name	Function
3		Power switch	Power on/off button.
4	AUDIO IN	Audio input port	Connect to microphone and etc to input signal.
5	MIC IN	Bidirectional talk input port	Input bidirectional talk analog signal from microphone, pick up.
6	MIC OUT	Bidirectional talk output port	Output bidirectional talk analog signal to sound box and etc. <ul style="list-style-type: none"> ● Bidirectional talk output. ● Audio output of single-window monitor mode. ● Audio output of single-window playback mode.
7	AUDIO OUT	Audio output port	Connect to sound box and etc to output audio signal.
8	VIDEO OUT	Video output port	Connect to output devices such as TV.
9	VIDEO IN	Video input port	Connect to analog camera, video input signal.
10	1~16	Alarm input port 1~16	<ul style="list-style-type: none"> ● There are four groups. The first group is from port 1 to port 4, the second group is from port 5 to port 8, the third group is from port 9 to port 12, the fourth group is from port 13 to port 16. They are to receive the signal from the external alarm source. There are two types; NO (normal open)/NC (normal close). ● When your alarm input device is using external power, please make sure the device and the NVR have the same ground.
	NO1~NO5	Alarm output port 1~5	<ul style="list-style-type: none"> ● 5 groups of alarm output ports. (Group 1: port NO1 ~ C1, Group 2: port NO2 ~ C2, Group 3: port NO3 ~ C3. 4: port NO4 ~ C4. 5: port NO5 ~ C5). Output alarm signal to the alarm device. Please make sure there is power to the external alarm device. ● NO: Normal open alarm output port. ● NC: Normal close alarm output port. ● C: Alarm output public end.
	C1~C5		
	NC5		
	A	RS485 communication port	RS485_A port. It is the cable A. You can connect to the control devices such as speed dome PTZ.
B	RS485_B. It is the cable B. You can connect to the control devices such as speed dome PTZ.		

SN	Icon	Name	Function
	T+, T-, R+, R-	Four-cable full-duplex 485 port.	T+, T-: Send out cable. R+, R-: Input cable.
	CTRL 12V	Control power output	Turn off power output when the alarm is cancelled.
11		Network port	1000M Ethernet port
12	VGA	VGA video output port	VGA video output port. Output analog video signal. It can connect to the monitor to view analog video.
13	HDMI1	High definition media interface 1	High definition audio and video signal output port. It transmits the same video signal as the VGA/TV. Support mouse operation.
14	HDMI2	High definition media interface 2	HD video matrix output. Support zero-channel encoding matrix output. Support tour.
15	eSATA	eSATA port	External SATA port. It can connect to the device of the SATA port.
16	RS-232	RS232 debug port	It is for general COM debug to configure IP address or transfer transparent COM data.
17		USB2.0 port	Connect to mouse, USB storage media, USB-burner and etc.

2.2.2 16-Channel Advanced 1080P 1.5U/ Premium General 4-HDD 720P 1.5U/ Premium General 4-HDD 720P (S2) 1.5U/ Premium General 720P (S2) 2U Series

This series products' rear panel is shown as below. See Figure 2-8.

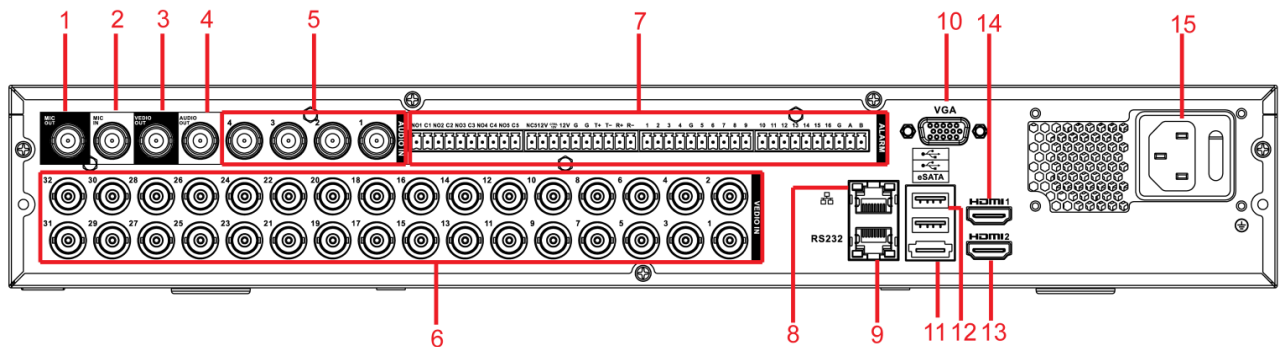




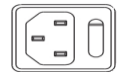
Figure 2-7

Please refer to the following sheet for detailed information.

SN	Icon	Name	Function
1	MIC IN	Bidirectional talk input port	Input bidirectional talk analog signal from microphone, pick

SN	Icon	Name	Function
			up.
2	MIC OUT	Bidirectional talk output port	<p>Output bidirectional talk analog signal to sound box and etc.</p> <ul style="list-style-type: none"> ● Bidirectional talk output. ● Audio output of single-window monitor mode. ● Audio output of single-window playback mode.
3	VIDEO OUT	Video output port	Connect to output devices such as TV.
4	AUDIO OUT	Audio output port	Connect to sound box and etc to output audio signal.
5	AUDIO IN	Audio input port	Connect to microphone and etc to input audio signal.
6	VIDEO IN	Video input port	Connect to analog camera to input video signal.
7	1~16	Alarm input port 1~16	<ul style="list-style-type: none"> ● There are four groups. The first group is from port 1 to port 4, the second group is from port 5 to port 8, the third group is from port 9 to port 12, the fourth group is from port 13 to port 16. They are to receive the signal from the external alarm source. There are two types; NO (normal open)/NC (normal close). ● When your alarm input device is using external power, please make sure the device and the NVR have the same ground.

SN	Icon	Name	Function
	NO1~NO5	Alarm output port 1~5	<ul style="list-style-type: none"> ● 5 groups of alarm output ports. (Group 1 : port NO1 ~ C1,Group 2:port NO2 ~ C2,Group 3:port NO3~C3. 4:port NO4~C4. 5:port NO5 ~ C5.).Output alarm signal to the alarm device. Please make sure there is power to the external alarm device. ● NO: Normal open alarm output port. ● NC: Normal close alarm output port. ● C: Alarm output public end.
	C1~C5		
	NC5		
	A	RS485 communication port	RS485_A port. It is the cable A. You can connect to the control devices such as speed dome PTZ.
	B		RS485_B.It is the cable B. You can connect to the control devices such as speed dome PTZ.
	T+, T-, R+, R-	Four-cable full-duplex 485 port.	T+, T-: Send out cable. R+, R-: Input cable.
CTRL 12V	Control power output	Turn off power output when the alarm is cancelled.	
8		Network port	1000M Ethernet port
9	RS-232	RS232 debug port	It is for general COM debug to configure IP address or transfer transparent COM data.
10	VGA	VGA video output port	VGA video output port. Output analog video signal. It can connect to the monitor to view analog video.
11	eSATA	eSATA port	External SATA port. It can connect to the device of the SATA port.

SN	Icon	Name	Function
12		USB2.0 port	Connect to mouse, USB storage media, USB-burner and etc.
13	HDMI2	High definition media interface 2	HD video matrix output. Support zero-channel encoding matrix output. Support tour.
14	HDMI1	High definition media interface 1	High definition audio and video signal output port. It transmits the same video signal as the VGA/TV. Support mouse operation.
15		Power socket and power switch	Power input port/power on/off button.

2.2.3 4/8-Channel Advanced 1080P 2U Series

This series products' rear panel is shown as below. See Figure 2-8.

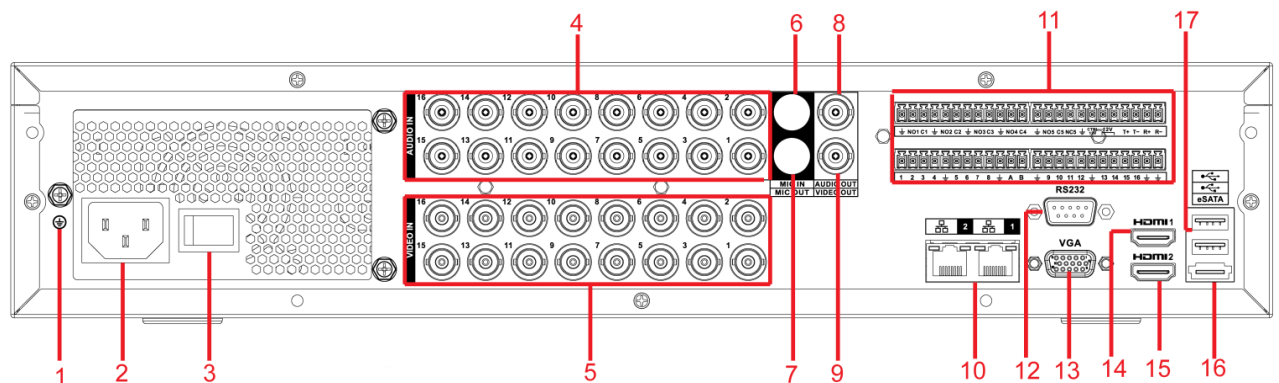







Figure 2-8

Please refer to the following sheet for detailed information.

SN	Icon	Name	Function
1		GND	Ground port
2		Power socket	Power input port
3		Power switch	Power on/off button.
4	AUDIO IN	Audio input port	Connect to microphone and etc to input audio signal.
5	VIDEO IN	Video input port	Connect to analog camera to input video signal.

SN	Icon	Name	Function
6	MIC IN	Bidirectional talk input port	Input bidirectional talk analog signal from microphone, pick up.
7	MIC OUT	Bidirectional talk output port	Output bidirectional talk analog signal to sound box and etc. <ul style="list-style-type: none"> ● Bidirectional talk output. ● Audio output of single-window monitor mode. ● Audio output of single-window playback mode.
8	AUDIO OUT	Audio output port	Connect to sound box and etc to output audio signal.
9	VIDEO OUT	Video output port	Connect to output devices such as TV.
10		Network port	1000M Ethernet port
11	1~16	Alarm input port 1~16	<ul style="list-style-type: none"> ● There are four groups. The first group is from port 1 to port 4, the second group is from port 5 to port 8, the third group is from port 9 to port 12, the fourth group is from port 13 to port 16. They are to receive the signal from the external alarm source. There are two types; NO (normal open)/NC (normal close). ● When your alarm input device is using external power, please make sure the device and the NVR have the same ground.

SN	Icon	Name	Function
	NO1~NO5	Alarm output port 1~5	<ul style="list-style-type: none"> ● 5 groups of alarm output ports. (Group 1 : port NO1 ~ C1, Group 2:port NO2 ~ C2, Group 3:port NO3~C3. 4:port NO4~C4. 5:port NO5 ~ C5.).Output alarm signal to the alarm device. Please make sure there is power to the external alarm device. ● NO: Normal open alarm output port. ● NC: Normal close alarm output port. ● C: Alarm output public end.
	C1~C5		
	NC5		
	A	RS485 communication port	RS485_A port. It is the cable A. You can connect to the control devices such as speed dome PTZ.
	B		RS485_B.It is the cable B. You can connect to the control devices such as speed dome PTZ.
	T+, T-, R+, R-	Four-cable full-duplex 485 port.	T+, T-: Send out cable. R+, R-: Input cable.
CTRL 12V	Control power output	Turn off power output when the alarm is cancelled.	
12	RS232	RS232	RS232 debug port
13	VGA	VGA video output port	VGA video output port. Output analog video signal. It can connect to the monitor to view analog video.
14	HDMI1	High definition media interface 1	High definition audio and video signal output port. It transmits the same video signal as the VGA/TV. Support mouse operation.
15	HDMI2	High definition media interface 2	HD video matrix output. Support zero-channel encoding matrix output.

SN	Icon	Name	Function
			Support tour.
16	eSATA	eSATA port	External SATA port. It can connect to the device of the SATA port.
17		USB2.0 port	Connect to mouse, USB storage media, USB-burner and etc.

2.2.4 16-Channel Advanced 1080P 2U/ Premium General 720P 2U/ Advanced 1080P 2U RAID Series

The 16-channel series products' rear panel is shown as below. See Figure 2-9.

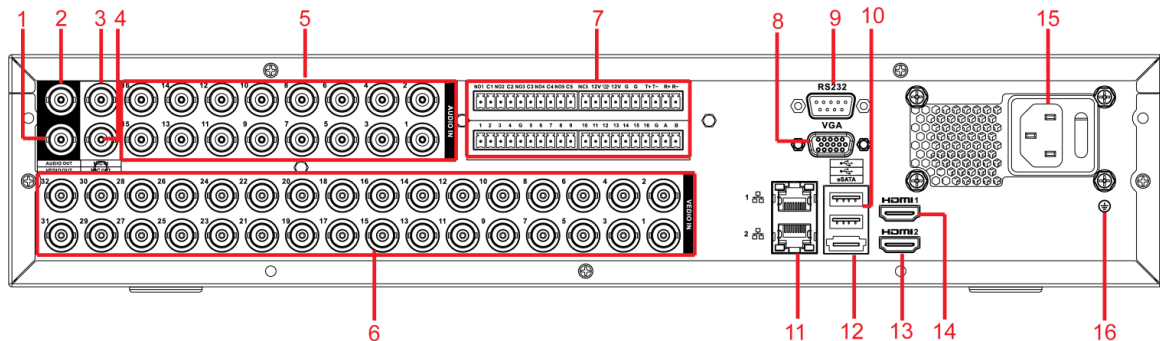




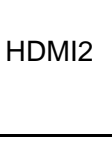
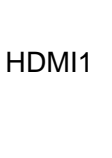
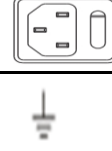
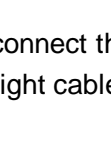



Figure 2-9

Please refer to the following sheet for detailed information.

SN	Icon	Name	Function
1	VIDEO OUT	Video output port	Connect to output devices such as TV.
2	AUDIO OUT	Audio output port	Connect to sound box and etc to output audio signal.
3	MIC IN	Bidirectional talk input port	Input bidirectional talk analog signal from microphone, pick up.
4	MIC OUT	Bidirectional talk output port	Output bidirectional talk analog signal to sound box and etc. <ul style="list-style-type: none"> ● Bidirectional talk output. ● Audio output of single-window monitor mode. ● Audio output of single-window playback mode.
5	AUDIO IN	Audio input port	Connect to microphone and

SN	Icon	Name	Function
			etc to input audio signal.
6	VIDEO IN	VIDEO IN	Video input port
7	1~16	Alarm input port 1~16	<ul style="list-style-type: none"> There are four groups. The first group is from port 1 to port 4, the second group is from port 5 to port 8, the third group is from port 9 to port 12, the fourth group is from port 13 to port 16. They are to receive the signal from the external alarm source. There are two types; NO (normal open)/NC (normal close). When your alarm input device is using external power, please make sure the device and the NVR have the same ground.
	NO1~NO5	Alarm output port 1~5	<ul style="list-style-type: none"> 5 groups of alarm output ports. (Group 1 : port NO1 ~ C1, Group 2:port NO2 ~ C2, Group 3:port NO3~C3. 4:port NO4~C4. 5:port NO5 ~ C5.).Output alarm signal to the alarm device. Please make sure there is power to the external alarm device. NO: Normal open alarm output port. NC: Normal close alarm output port. C: Alarm output public end.
	C1~C5		
	NC5		
A	RS-485 communication port	RS485_A port. It is the cable A. You can connect to the control devices such as	

SN	Icon	Name	Function
			speed dome PTZ.
	B		RS485_B.It is the cable B. You can connect to the control devices such as speed dome PTZ.
	T+, T-, R+, R-	Four-cable full-duplex 485 port.	T+, T-: Send out cable. R+, R-: Input cable.
	CTRL 12V	Control power output	Turn off power output when the alarm is cancelled.
8		VGA video output port	VGA video output port. Output analog video signal. It can connect to the monitor to view analog video.
9		RS232 debug port	It is for general COM debug to configure IP address or transfer transparent COM data.
10		USB2.0 port	Connect to mouse, USB storage media, USB-burner and etc.
11		Network port	1000M Ethernet port
12		eSATA port	External SATA port. It can connect to the device of the SATA port.
13		High definition media interface 2	HD video matrix output. Support zero-channel encoding matrix output. Support tour.
14		High definition media interface 1	High definition audio and video signal output port. It transmits the same video signal as the VGA/TV. Support mouse operation.
15		Power socket/power switch button	Power input port and power on-off button
16		GND	Ground port

When connect the Ethernet port, please use crossover cable to connect the PC and use the straight cable to connect to the switch or router.

2.3 Connection Sample

2.3.1 Advanced 1080P 1.5U Series

Please refer to the following figure for detailed information. See Figure 2-10.

The following interface is based on the 8-channel series product.

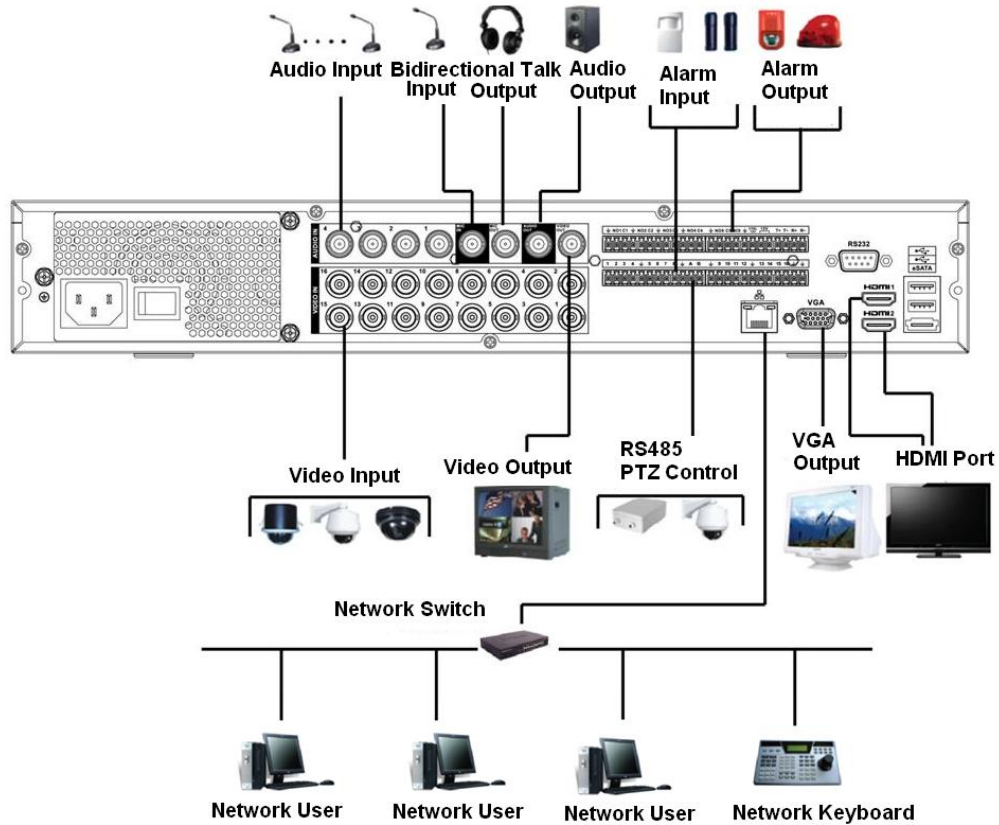


Figure 2-10

2.3.2 16-Channel Advanced 1080P 1.5U / Premium General 4-HDD 720P 1.5U/ Premium General 4-HDD 720P (S2) 1.5U/ Premium General 720P (S2) 2U Series

Please refer to the following figure for detailed information. See Figure 2-11.

The following interface is based on the 32-channel premium general 4-HDD 720P 1.5U series product.

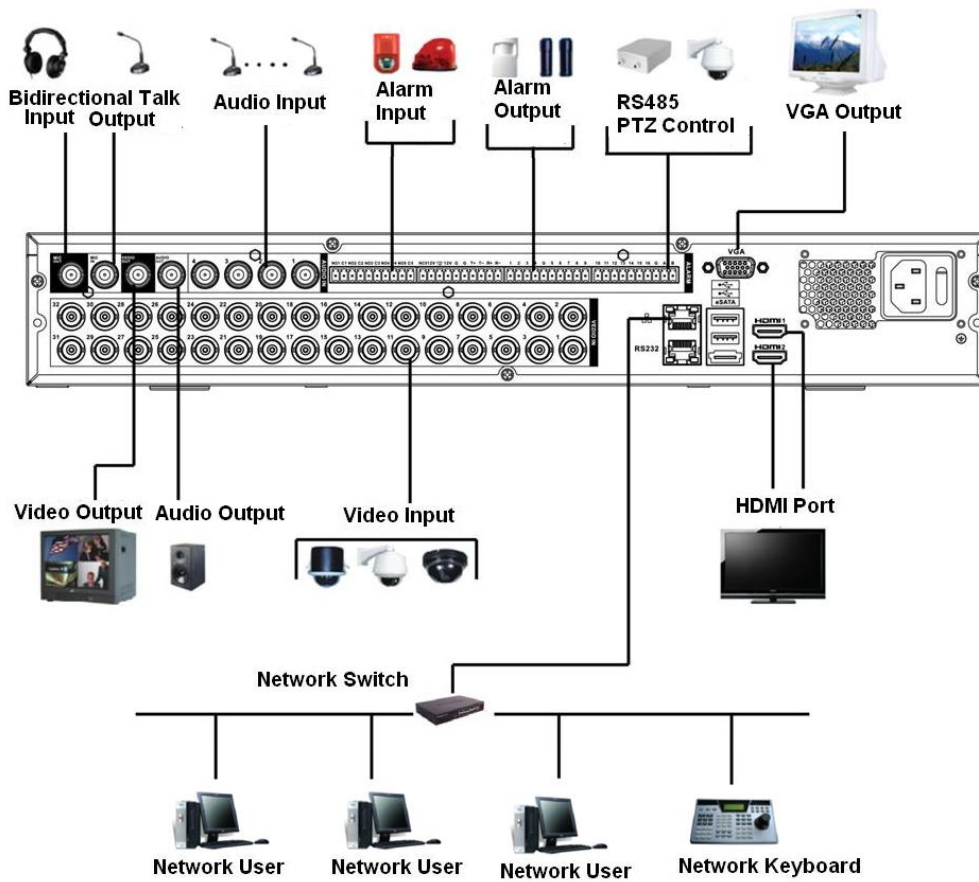


Figure 2-11

2.3.3 4/8-Channel Advanced 1080P 2U Series

Please refer to the following figure for detailed information. See Figure 2-12.

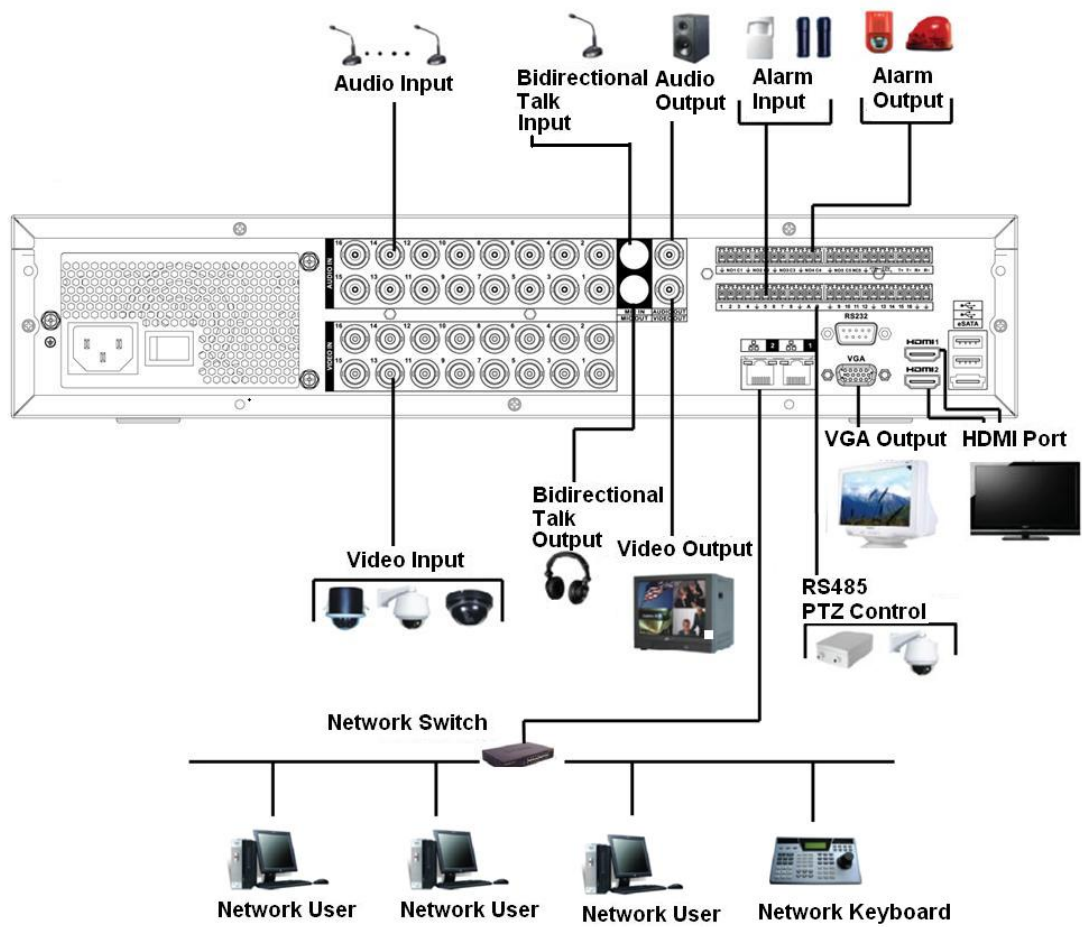


Figure 2-12

**2.3.4 16-Channel Advanced 1080P 1.5U / Premium General 720P 2U/
Advanced 1080P 2U RAID Series**

Please refer to Figure 2-13 for connection sample.

The following figure is based on 32-channel premium general 720P 2U series product.

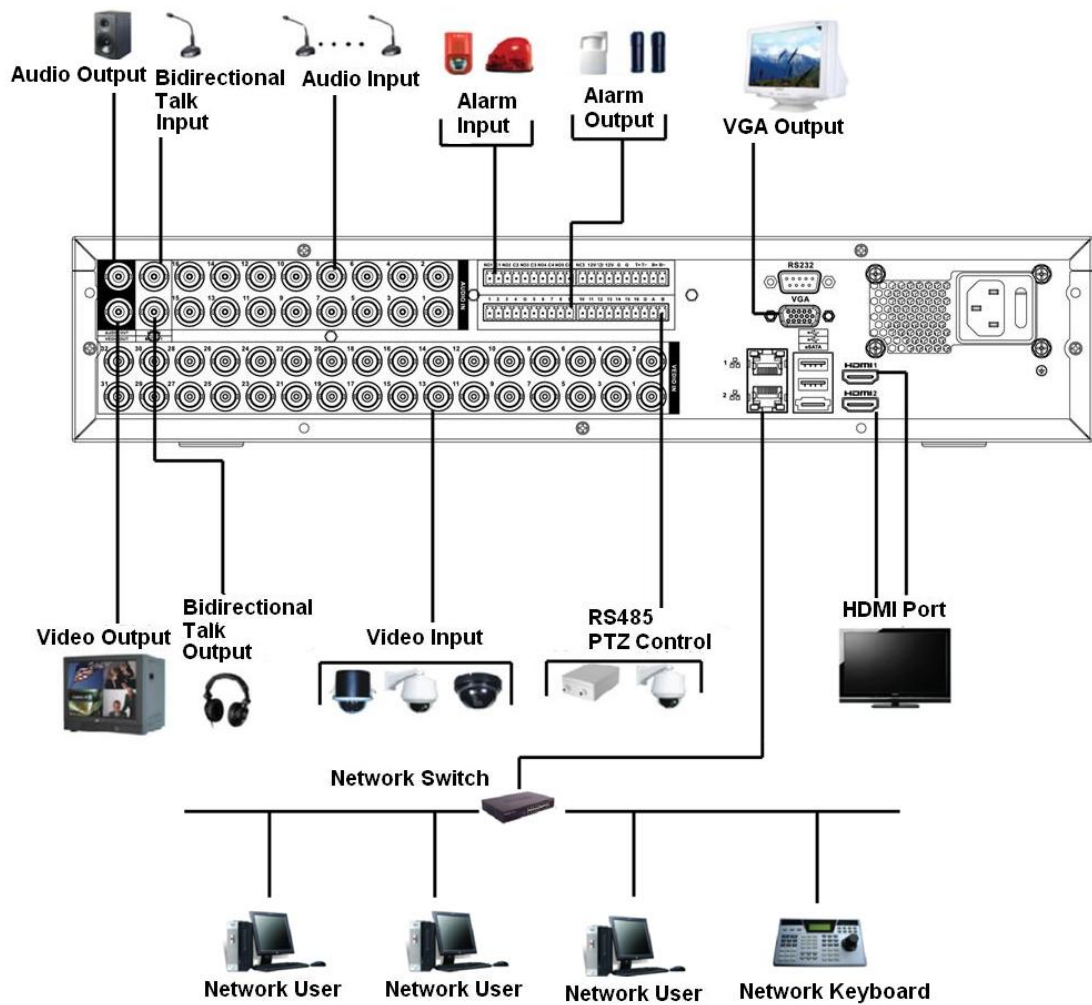


Figure 2-13

2.4 Remote Control

The remote control interface is shown as in Figure 2-14.

Please note remote control is not our standard accessory and it is not included in the accessory bag.

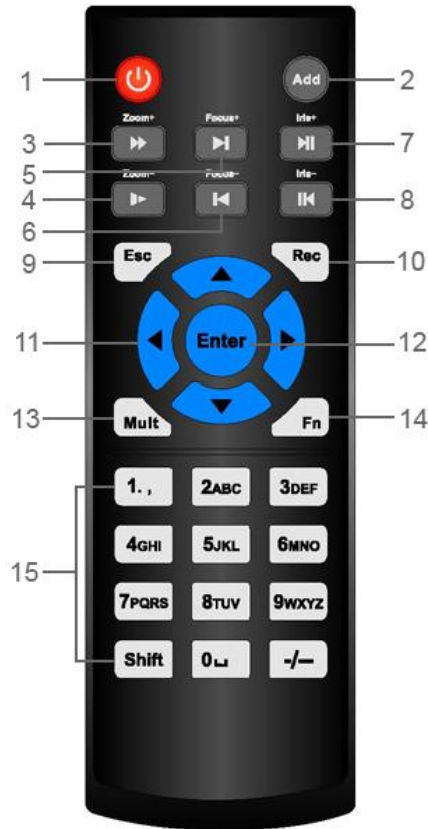




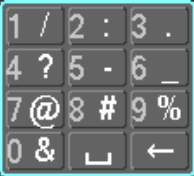
Figure 2-14

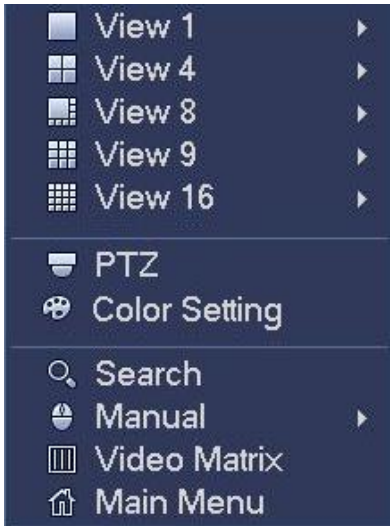
Serial Number	Name	Function
1	Power button	Click it to boot up or shut down the device.
2	Address	Click it to input device number, so that you can control it.
3	Forward	Various forward speeds and normal speed playback.
4	Slow play	Multiple slow play speeds or normal playback.
5	Next record	In playback mode, playback the next video.
6	Previous record	In playback mode, playback the previous video.
7	Play/Pause	In pause mode, click this button to realize normal playback.
		In normal playback click this button to pause playback.
		In real-time monitor mode, click this button to enter video search menu.
	Reverse/pause	Reverse playback pause mode,

8		click this button to realize normal playback.
		In reverse playback click this button to pause playback.
9	Esc.	Go back to previous menu or cancel current operation (close upper interface or control)
10	Record	Start or stop record manually In record interface, working with the direction buttons to select the record channel. Click this button for at least 1.5 seconds, system can go to the Manual Record interface.
11	Direction keys	Switch current activated control, go to left or right. In playback mode, it is to control the playback process bar. Aux function(such as switch the PTZ menu)
12	Enter /menu key	go to default button go to the menu
13	Multiple-window switch	Switch between multiple-window and one-window.
14	Fn	In 1-ch monitor mode: pop up assistant function: PTZ control and Video color.
		Switch the PTZ control menu in PTZ control interface.
		In motion detection interface, working with direction keys to complete setup.
		In text mode, click it to delete character.
15	0-9 number key	Input password, channel or switch channel.
		Shift is the button to switch the input method.

2.5 Mouse Control

Left click mouse	System pops up password input dialogue box if you have not logged in. In real-time monitor mode, you can go to the main menu.
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	<p>When you have selected one menu item, left click mouse to view menu content.</p> <p>Implement the control operation.</p> <p>Modify checkbox or motion detection status.</p> <p>Click combo box to pop up drop down list</p> <p>In input box, you can select input methods. Left click the corresponding button on the panel you can input numeral/English character (small/capitalized). Here ← stands for backspace button. _ stands for space button.</p> <p>In English input mode: _stands for input a backspace icon and ← stands for deleting the previous character.</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p>In numeral input mode: _ stands for clear and ← stands for deleting the previous numeral.</p> <p>When input special sign, you can click corresponding numeral in the front panel to input. For example, click numeral 1 you can input"/" , or you can click the numeral in the on-screen keyboard directly.</p> <div style="text-align: center;">  </div>
<p>Double left click mouse</p>	<p>Implement special control operation such as double click one item in the file list to playback the video.</p> <p>In multiple-window mode, double left click one channel to view in full-window.</p> <p>Double left click current video again to go back to previous multiple-window mode.</p>

Right click mouse	<p>In real-time monitor mode, pops up shortcut menu: one-window, four-window, nine-window and sixteen-window, Pan/Tilt/Zoom, color setting, search, record, alarm input, alarm output, main menu. Among which, Pan/Tilt/Zoom and color setting applies for current selected channel.</p> <p>If you are in multiple-window mode, system automatically switches to the corresponding channel.</p> 
	Exit current menu without saving the modification.
Press middle button	<p>In numeral input box: Increase or decrease numeral value.</p> <p>Switch the items in the check box.</p> <p>Page up or page down</p>
Move mouse	Select current control or move control
Drag mouse	<p>Select motion detection zone</p> <p>Select privacy mask zone.</p>

2.6 Virtual Keyboard & Front Panel

2.6.1 Virtual Keyboard

The system supports two input methods: numeral input and English character (small and capitalized) input.

Move the cursor to the text column, the text is shown as blue, input button pops up on the right. Click that button to switch between numeral input and English input (capitalized and small), Use > or < to shift between small character and capitalized character.

2.6.2 Front Panel

Move the cursor to the text column. Click Fn key and use direction keys to select number you wanted. Please click enter button to input.