

# 4/8/16CH Quick Start Guide



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**I-Phone APP SCDVR  
Android APP BuboBubo**

**Default Username is Admin  
Default Admin Lock password is 123456**

**Note: Please see included CD for complete DVR  
User manual, DVR quick starting guide and Clint  
Software (AP).**

# 1 PACKING



1. DVR



2. Quick Start



3. IR Remote Control



4. Batteries x2



5. CD



6. Hard Disk Mount x2



7. Screws x20



8. Power Adaptor



9. Power Cord



10. SATA Cord 2pcs



11. DB25 Connector  
(8CH/16CH only)

**Note: Standard shipping products include neither HDD nor DVD R/W**

# 2

## HARD DISK INSTALATION

Step 1) Fix the HDD to rack mount with the screws as indicated.



Step 2) Place the HDD on the HDD plate and screw it as indicated.



Step 3) Connect the power and the SATA cables as indicated.



Note: After installation, please initialize Hard Disk before starting to record. For more detailed information, please check out User Manual 4-9 System Tools for reference.

# 3

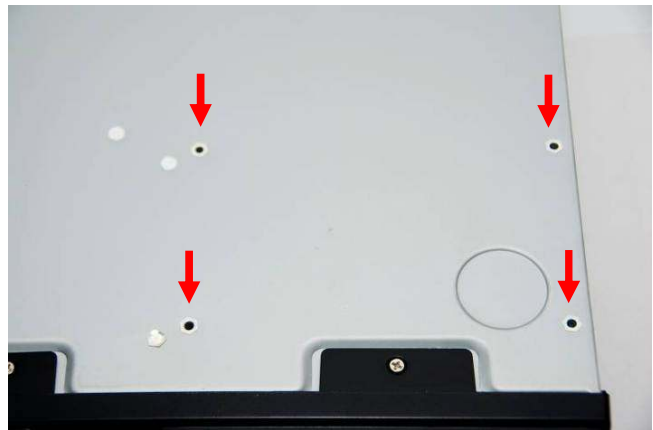
## DVR-RW INSTALATION

**Step 1:**  
Remove the front cover from DVR.



**Step 2:**  
Put the DVD-RW into the unit as indicated.

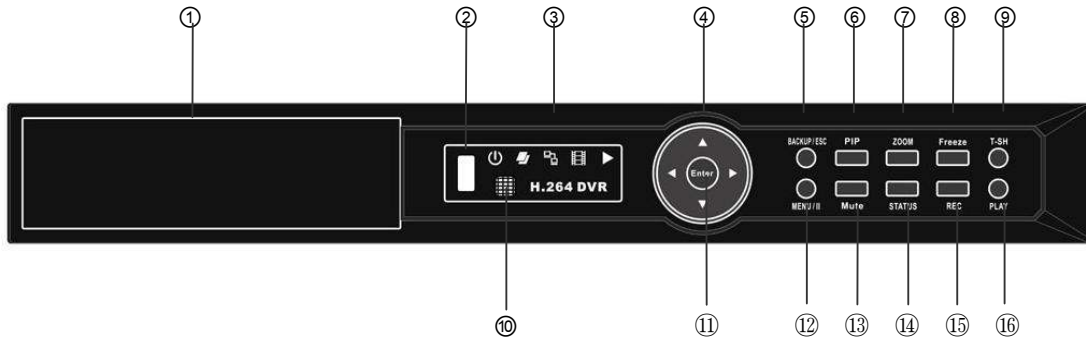
**Step 3:**  
Put DVR bottom up, screw to fix the DVD-RW as indicated.



**Step 4:**  
Connect the power and the flat cables as indicated.

# 4

## FRONT PANEL CONTROLS

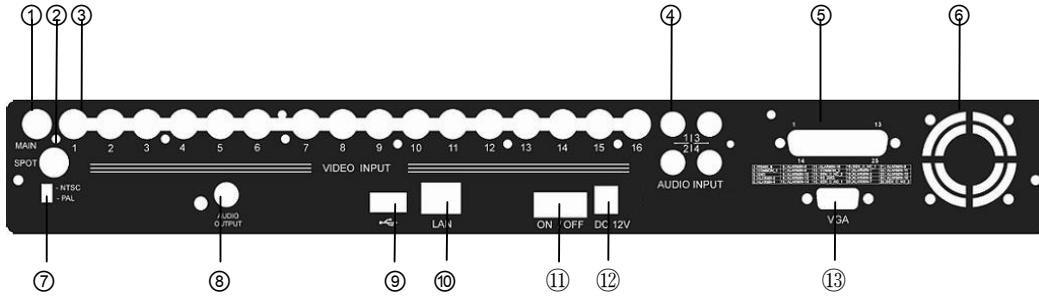


Control Keys	Description
① DVD Writer	Optional DVD-RW backup device.
② USB 2.0 Port	Port for USB external devices (USB flash drive devices use, the mouse behind the back of the USB ports installed)..
③ LED Display (From left to right)	<b>Power:</b> Power is on. <b>HDD:</b> Hard disk is in use. <b>LAN:</b> Connected to the internet (in red): Remote user logged in. <b>REC:</b> Recording. <b>PLAY:</b> Playing back.
④ ▼ / ■	In SETUP mode, press to move cursor down. In PLAYBACK mode, press to stop playing back.
▲ / SLOW	In SETUP mode, press to move cursor up. In PLAYBACK mode, press to slow down.
▶ / ►►	In SETUP mode, press to increase value. In PLAYBACK mode press to play forwards.
◀ / ◀◀	In SETUP mode, press to reduce value. In PLAYBACK mode, press to play rewind.
⑤ BACKUP/ESC	In LIVE mode, press to display the BACKUP menu. In SETUP mode, press to return to previous page.
⑥ PIP	In LIVE mode, display with picture in picture format.
⑦ ZOOM	In LIVE or PLAYBACK mode, enlarge the display of a channel.
⑧ FREEZE	In LIVE mode, display can be FREEZE.
⑨ T-SRH	Display the search menu.
⑩ IR Sensor	Input sensor for the remote control.
⑪ ENTER/MODE	In SETUP mode, press to enter values. In PLAYBACK mode, switch between full, quad, 9-channel, 16-channel display in order.
⑫ MENU/ II	In LIVE mode, press to display menu. In PLAYBACK mode, press to pause playback.
⑬ MUTE	Enable / Disable Key Tone.
⑭ STATUS	Show DVR Status.
⑮ REC	Start or stop recording.
⑯ PLAY	Play back in normal speed.

# 5

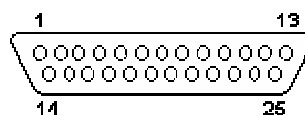
## REAR PANEL CONNECTORS

### 16CH REAR PANEL CONNECTORS

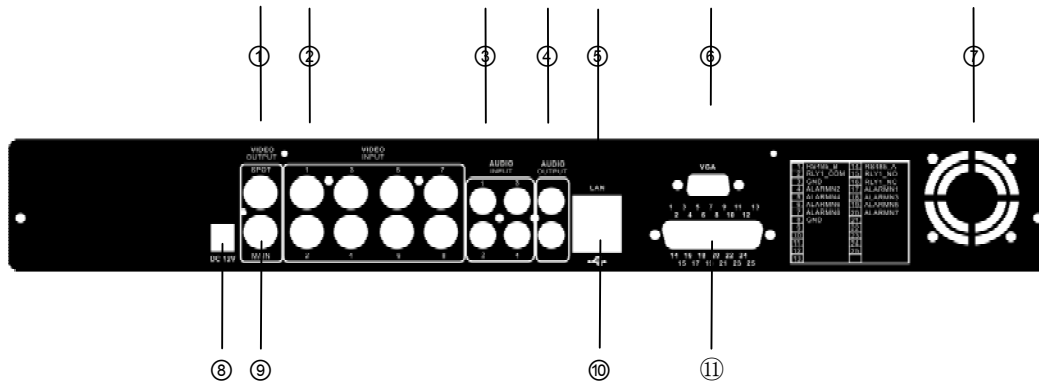


① MAIN monitor	BNC port for the main monitor.
② SPOT monitor	BNC port to display full screen image of all installed cameras in sequence.
③ VIDEO IN	BNC input ports for cameras, 8 in total.
④ AUDIO IN	RCA input port for audio signal. There are 4 ports available. (corresponding to channel 1 to 4)
⑤ EXTERNAL I/O	EXTERNAL I/O port (see below for pin definition)
⑥ Fan	DC 12V 40mm X 40mm fan
⑦ NTSC/PAL	Switch between NTSC and PAL format.
⑧ AUDIO OUT	RCA output port for audio signal.
⑨ USB	USB port(Device USB Mouse)
⑩ LAN	Network Port
⑪ ON/OFF	Power Switch
⑫ DC 12V	Socket for a DC 12V input.
⑬ VGA	VGA port

#### DB 25 DEFINITION

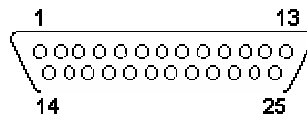


## 8CH REAR PANEL CONNECTORS



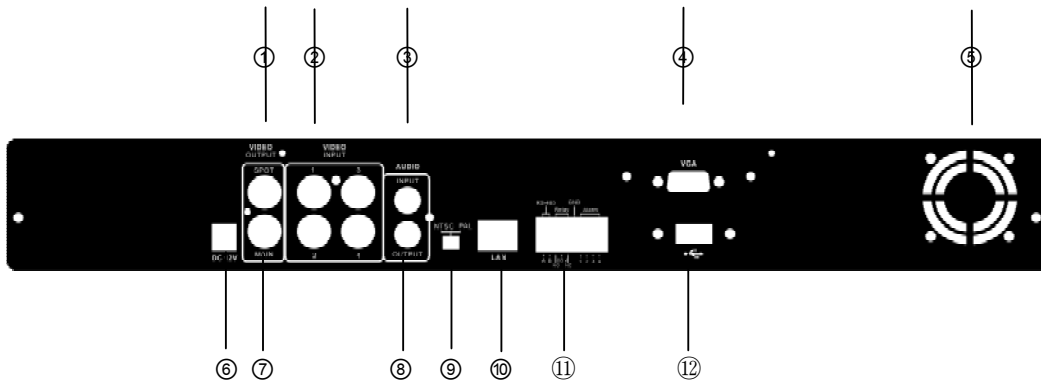
① SPOT monitor	BNC port to display full screen image of all installed cameras in sequence.
② VIDEO IN	BNC input ports for cameras, 8 in total.
③ AUDIO IN	RCA input port for audio signal. There are 4 ports available. (corresponding to channel 1 to 4)
④ AUDIO OUT	RCA output port for audio signal.
⑤ LAN	Network port
⑥ VGA	VGA port
⑦ Fan	DC 12V 40mm X 40mm fan
⑧ DC 12V	Socket for a DC 12V input.
⑨ MAIN monitor	BNC port for the main monitor.
⑩ USB	USB port(Device USB Mouse)
⑪ EXTERNAL I/O	EXTERNAL I/O port (see below for pin definition)

### DB 25 DEFINITION

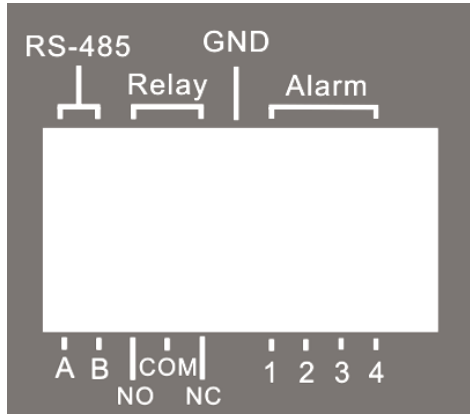


1.	RS485_B	14.	RS485_A
2.	RLY1_COM	15.	RLY1_NO
3.	GND	16.	RLY1_NC
4.	ALARMN2	17.	ALARMN1
5.	ALARMN4	18.	ALARMN3
6.	ALARMN6	19.	ALARMN5
7.	ALARMN8	20.	ALARMN7
8.	GND	21.	
9.		22.	
10.		23.	
11.		24.	
12.		25.	
13.			

#### 4CH REAR PANEL CONNECTORS







① SPOT monitor	BNC port to display full screen image of all installed cameras in sequence.
② VIDEO IN	BNC input ports for cameras, 4 in total.
③ AUDIO IN	RCA input port for audio signal.
④ VGA	VGA port
⑤ Fan	DC 12V 40mm X 40mm fan
⑥ DC 12V	Socket for a DC 12V input.
⑦ MAIN monitor	BNC port for the main monitor.
⑧ AUDIO OUT	RCA output port for audio signal.
⑨ NTSC / PAL Switch	Switch between NTSC and PAL format.
⑩ LAN	Network port
⑪ EXTERNAL I/O	EXTERNAL I/O port (see below for pin definition)
⑫ USB	USB port(Device USB Mouse)



# 6 LIVE OPERATIONS

Under LIVE mode, you can watch all channel displays, receive live audio, and operate display changes.







**Table 6-1** Description of the remote control functions under LIVE mode.

Button	Description
REC	Start/Stop recording.
PLAY	Start playing back the most recently recorded segment.
LOCK	Enable/Disable the Keypad function
1,2,3,4	Select the channel to monitor in full screen
FREEZE	Turn on/off screen freeze function.
	Switch to quad display.
	Switch to 9-channel display. 4ch DVR doesn't feature this function.
	Switch to 13-channel display. 4ch DVR doesn't feature this function.
	Switch to 16-channel display. 4ch DVR doesn't feature this function.
ENTER/MODE	Switch to full screen, quad display.
MENU/	Enable/ Disable setup Menu.
BK-UP/ESC	Enable/ Disable backup menu.
SRH	Enable/ Disable search menu.
MUTE	Switch channel 1 output audio / turn off LIVE audio
STATUS	Enable/ Disable Status.
OSD	Turn on/off the screen display
Zoom/Zoom -	Enable/ Disable double screen size display. You can click on the channel name for choosing a specific channel.
PIP/Zoom +	Turn on picture-in-picture format. Click on the channel name can switch to other channels.
PTZ	Enable PTZ control.
AUTO	In AUTO mode, all available channels will be cycled through in full screen.
DVR1,2,3,4	Switch DVR ID1~4

**Note :** 4CH will show quad display; 8 CH will show quad display and 9-channel display.
















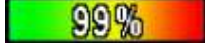

\* Default ID is ID1. If remote control malfunctions, please press, "DVR1" button to renew corresponding DVR ID.







**Table 6-2** Graphical icons displaying after right-clicking your mouse under LIVE mode.

Icon	Description
	Resting the cursor on this icon will bring up the following four menu icons.
	Main menu.
	Search menu.
	Backup menu.
	PTZ mode.
	Turn on/off recording.
	Playback.
	Resting the cursor on this icon will bring up the following five display icons.
	FREEZE.
	PIP, picture in picture
	ZOOM, double the screen size
	AUTO-sequence
	LOCK, activate the key lock.
	Full screen display.
	Quad display.
	9-channel display.
	13-channel display.
	16-channel display.

**Note :** 4CH will show quad display; 8 CH will show quad display and 9-channel display.

**Table 6-3** Description of on screen graphical icons in LIVE mode

Icon	Description
	Recording is on
	Schedule Recording is on
	Live Audio is on
	Live Audio is off
	Motion detected on the channel
	Sensor triggered on the channel
	Video loss detected on the channel
	USB device detected
	DVD burner is detected
	Connected to the LAN cable.
	AUTO-seq is on
	Freeze is on, screen is frozen
	LOCK is on
	PTZ control is on
	Remote control ID has been set to 1 ~ 4. At this point, only by 1 to 4 remote control.
	Shows the current hard disk space has been used (99% mean used 99%, remain 1%) and over write in on
	Lower right of each CH will show the current time

Icon	Description
	Image quality (High/Low)
	Full screen
	Record
	Snap shot
	Record and snap shot file saving path setup
	Enable/Disable shortcut toolbar












# 7 PLAYBACK OPERATIONS

Under LIVE mode, press PLAY to playback (default setup is quad display). The function icons will appear in the right down corner on the screen, which can be dragged by mouse to other location on the screen.

**Table 7-1** Remote control functions under the PLAYBACK mode

Icon	Description
<b>ENTER/ MODE</b>	Switch to full screen, quad, 9-channel or 16-channel display.
<b>MENU / ■■</b>	Turn on/off PAUSE.
<b>PLAY</b>	Play back at normal speed.
<b>▲ / SLOW</b>	Play back at slower speed. The speed will be slowed to 1/2, 1/4, 1/8, 1/16 by each pressing of the button till the slowest limitation of 1/16 of the normal speed. Current playback speed is shown in the upper right corner.
<b>◀◀ / ◀</b>	Fast rewind. Each press increases the speed to the next level. There are six speeds: 2x, 4X, 8X, 16x, 32X and 64X.
<b>▶▶ / ▶</b>	Fast forward. Each press increases the speed to the next level. There are six speeds: 2x, 4X, 8X, 16x, 32X and 64X.
<b>▼ / ■</b>	Stop playback.

**Table 7-2** The mouse operation under the PLAYBACK mode.

Icon	Description
	「◀◀ / ◀」 Fast rewind
	「▶▶ / ▶」 Fast forward
	Play/pause
	「▲ / SLOW」, slow playback
	「▼ / ■」 stop playback
	Playback channel by channel with snap shot display
	Full screen display
	Quad display
	9-channel display
	16-channel display
	Zoom-in display

**Note :** 4CH will show quad display; 8 CH will show quad display and 9-channel display

**P.S.** If playback of a single channel is wished to be viewed, please double click on left key of the mouse on the channel video image.

# 8 PTZ OPERATIONS

Under LIVE mode, press PTZ to enter PTZ camera mode. The function icons will appear right down corner on the screen, which can be dragged by mouse to other location on the screen.

**Table 8-1 Remote Control functions under the PTZ mode**

Button	Description
<b>▲ / SLOW</b>	Move PTZ up
<b>▼ / ■</b>	Move PTZ down
<b>◀◀ / ◀</b>	Move PTZ to the left
<b>▶▶ / ▶</b>	Move PTZ to the right
<b>ZOOM +</b>	PTZ zoom-in
<b>ZOOM -</b>	PTZ zoom-out
<b>FOCUS +</b>	PTZ focus-in
<b>FOCUS -</b>	PTZ focus-out
<b>IRIS +</b>	PTZ iris-open
<b>IRIS -</b>	PTZ iris-close
<b>TOUR</b>	Make PTZ monitor pre-set locations in order *
<b>PRESET+ Number</b>	Setup the Preset location Press <b>"PRESET"</b> key first then two-digit number; DVR will set the current PTZ location at entered preset number.
<b>PLAY+ Number</b>	Go to Preset location Press <b>"PLAY"</b> key first then two-digit number, PTZ will go to the correspondent preset number location.
<b>PIP</b>	Setup the beginning location for the Auto Patrol. *
<b>FREEZE</b>	Auto patrol (in line scan) *
<b>ZOOM</b>	Set up the ending location for the Auto Patrol. *

\* PTZ communication protocols from different brands aren't compatible 100% sometimes. Therefore, some of these functions may be unavailable.



**Table 8-2** Mouse operation under the PTZ mode

Icon	Description
	Leave PTZ Mode , back to the LIVE mode
	Pre-set number N. (0~255)
	Go to pre-set number N.
	Set current PTZ location at pre-set number N.
	「TOUR」, press to activate pre-set tour *
	「PIP」, Set current PTZ location as the start of line-scan. *
	「FREEZE」, Activate line-scan. *
	「ZOOM」, Set current PTZ location as the end of line-scan. *
	To move PTZ in 360°
	PTZ zoom in; PTZ zoom out
	PTZ focus in; PTZ focus out.
	PTZ IRIS open, PTZ IRIS close.
Below functions need support from specific PTZ manufacturer. Please check user manual of your PTZ for more detail.	
	AUX 1~8, 「AUTO」 Key + Number key 「1~8」
	「Backup」, Customized function.

\* PTZ communication protocols from different brands aren't compatible 100% sometimes. Therefore, some of these functions may be unavailable.