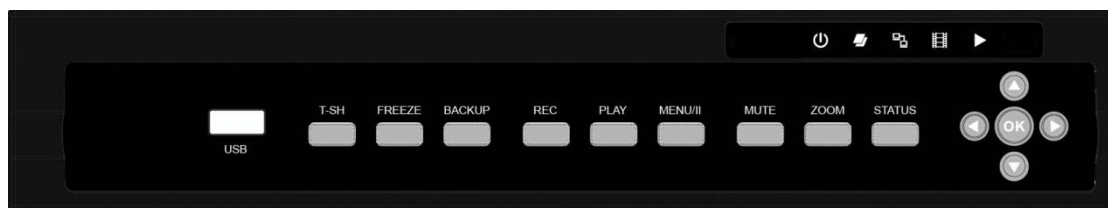


# **4CH/8CH/16CH DVR Quick Start Guide**



- 1. Packing.....P.2**
- 2. Hard Disk Installation.....P.3**
- 3. Front Panel Controls.....P.7**
- 4. Rear Panel Connectors.....P.8**

- 1. DVR**
- 2. Quick Start**
- 3. IR Remote Control**
- 4. Battery**
- 5. CD**
- 6. Hard Disk Mount**
- 7. Screws**
- 8. Power Adapter**
- 9. SATA Cord**

**Note:** Standard shipping products do not include HDD

# 2

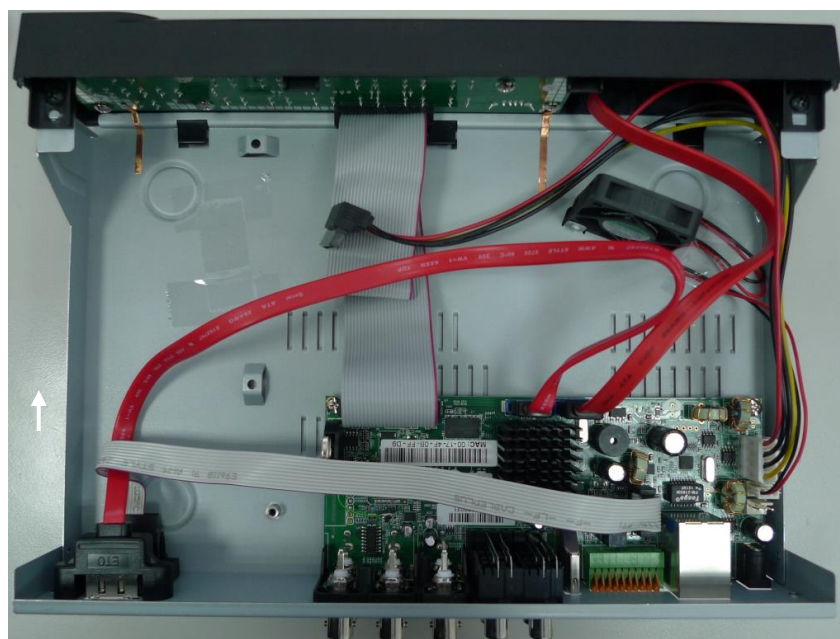
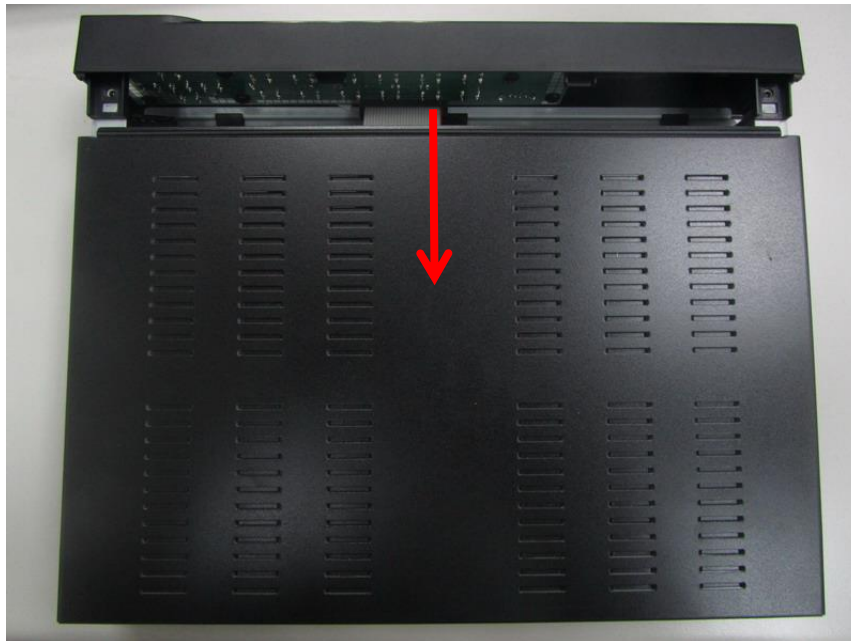
## HARD DISK INSTALATION

Step 1) Take out the screws as pictures show.

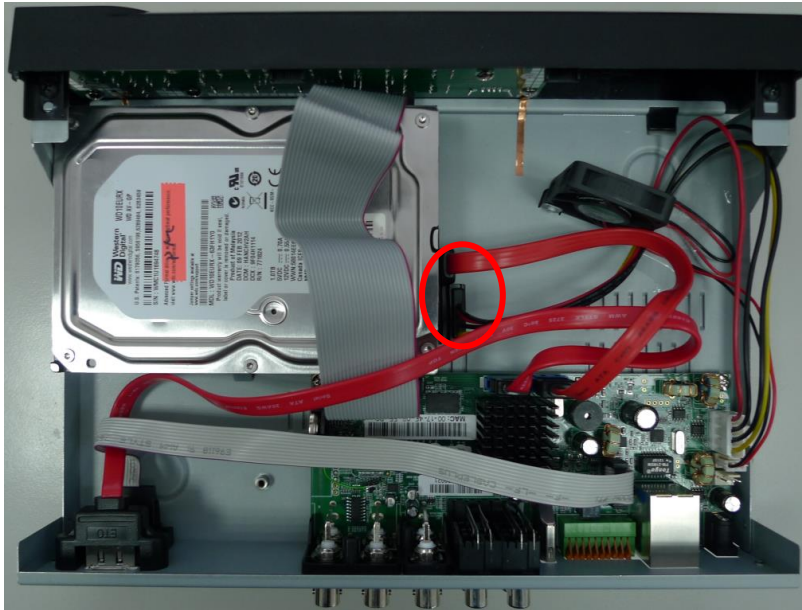


Back panel 3 screws

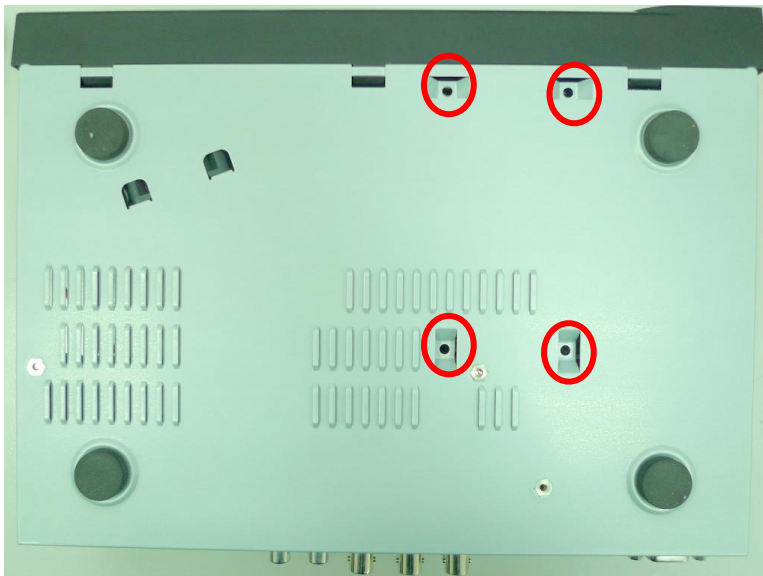
Step 2) Open the cover follow the arrow direction.



**Step 3) Connect SATA & Power wire to Hard Disk and put it on the rack mount.**  
(4CH/8CH HDD)



**Fix HDD screw**

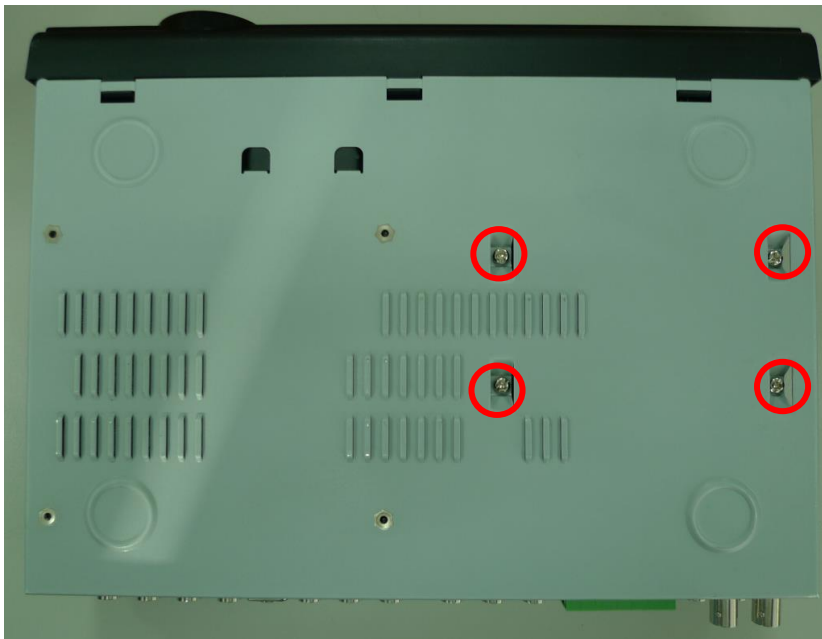


**Note:** After installation, please initialize Hard Disk before starting to record. For more detailed information, please check out User Manual Utility Setup for reference.

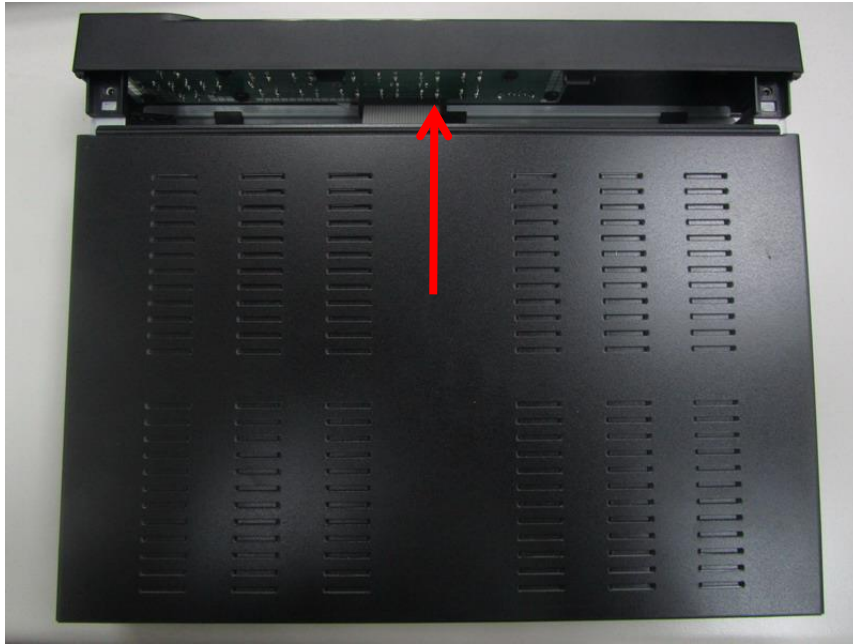
(16CH HDD)



Fix HDD screw



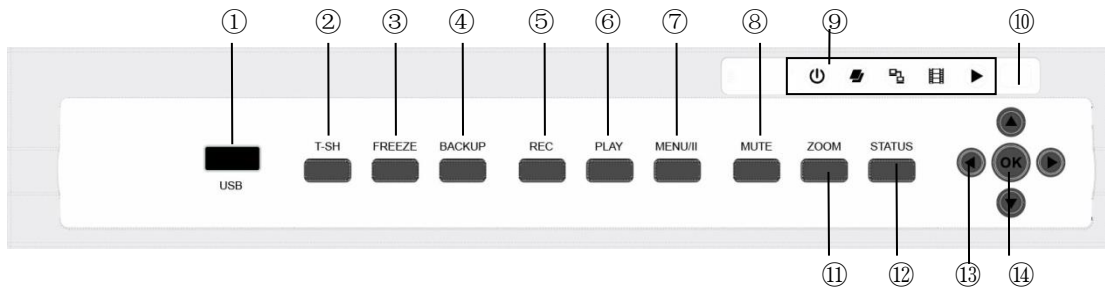
**Step 4) Put the cover back and fix it with 3 screws as Step 1 indicated.**



Note: After installation, please initialize Hard Disk before starting to record. For more detailed information, please check out User Manual Utility Setup for reference.

# 3

## FRONT PANEL CONTROLS

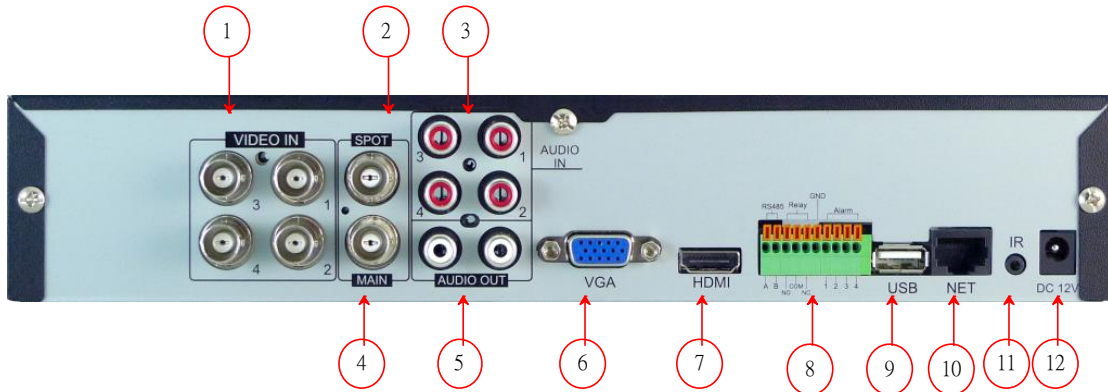


|               |  |
|---------------|--|
| ① USB 2.0     | Port for USB external devices (Rear port for USB mouse device)   |
| ② T-SRH       | Display the search menu.   |
| ③ FREEZE      | In LIVE mode, freeze the screen.   |
| ④ BACKUP      | In LIVE mode, press to display the BACKUP menu.  |
| ⑤ REC         | Start or stop recording.   |
| ⑥ PLAY        | Play back in normal speed.   |
| ⑦ MENU/II     | In LIVE mode, press to display menu. In PLAYBACK mode, press to pause playback.  |
| ⑧ MUTE        | Enable / Disable key tone.   |
| ⑨ LED Display | <p><b>Power:</b> Power is on.</p> <p><b>HDD:</b> Hard disk is in use.</p> <p><b>LAN:</b> Connected to the internet (<i>in red:</i> Remote user logged in).</p> <p><b>REC:</b> Recording.</p> <p><b>PLAY:</b> Playing back.</p>   |
| ⑩ IR Sensor   | Input sensor for the remote control.   |
| ⑪ ZOOM        | In LIVE or PLAYBACK mode, enlarge the display of a channel.  |
| ⑫ STATUS      | In LIVE mode, display STATUS menu.   |
| ⑬ Arrow Keys  | <p>▲ : In SETUP mode, press to move cursor up. In PLAYBACK mode, press to slow down.</p> <p>▼ : In SETUP mode, press to move cursor down. In PLAYBACK mode, press to stop playing back.</p> <p>▶ : In SETUP mode, press to increase value. In PLAYBACK mode press to play forwards.</p> <p>◀ : In SETUP mode, press to reduce value. In PLAYBACK mode, press to play rewind.</p> |
| ⑭ OK          | In SETUP mode, press to enter sub menu. In Live mode, switch to full screen display.   |

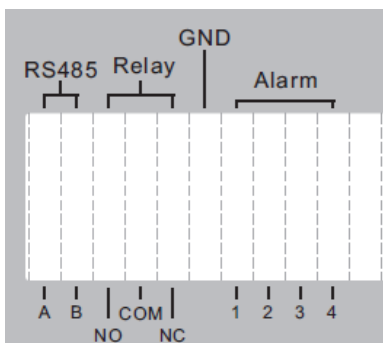
# 4

## REAR PANEL CONNECTORS

### 4CH REAR PANEL CONNECTORS

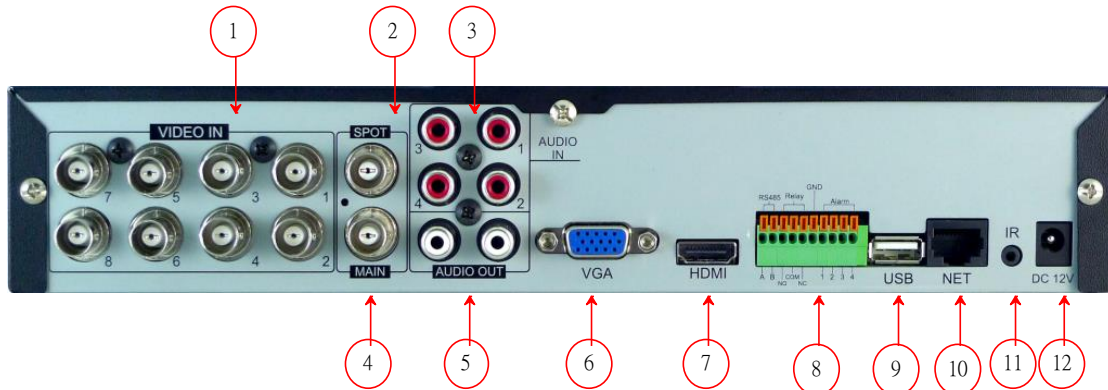


|                 |   |
|-----------------|---|
| 1. VIDEO IN     | BNC input ports for cameras, 4 in total.                        |
| 2. SPOT         | SPOT output.  |
| 3. AUDIO IN     | RCA input port for audio signal.                                |
| 4. MAIN         | BNC port for the main monitor.                                  |
| 5. AUDIO OUT    | RCA output port for audio signal.                               |
| 6. VGA          | VGA port.   |
| 7. HDMI         | HDMI port. (Option)   |
| 8. EXTERNAL I/O | External I/O port.  |
| 9. USB          | Port for USB mouse device (Front port for USB external devices) |
| 10. LAN         | Network port.   |
| 11. IR          | IR extension cable jack.  |
| 12. DC 12V      | Socket for a DC 12V input.                                      |

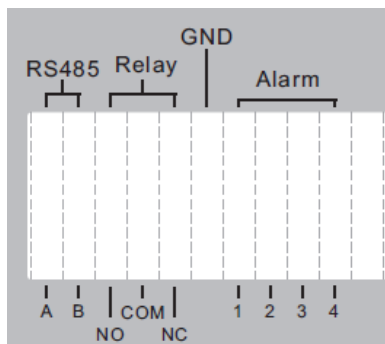




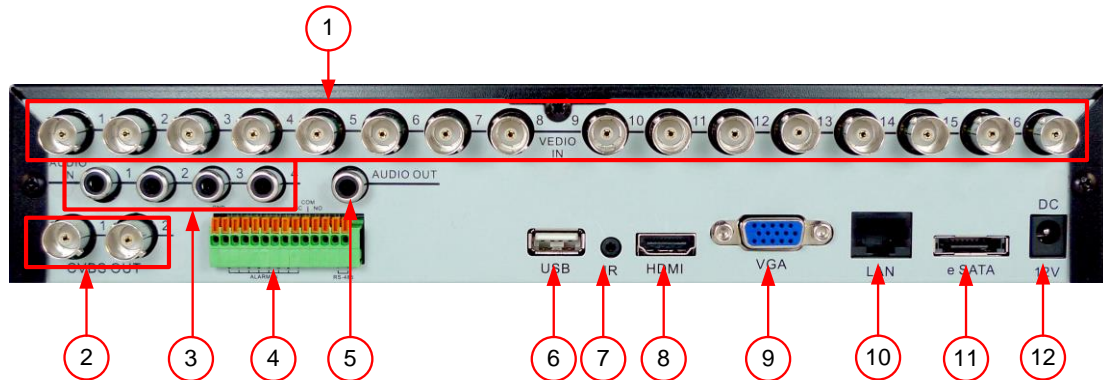
## 8CH REAR PANEL CONNECTORS



|     |              |   |
|-----|--------------|---|
| 1.  | VIDEO IN     | BNC input ports for cameras, 4 in total.                        |
| 2.  | SPOT         | SPOT output.  |
| 3.  | AUDIO IN     | RCA input port for audio signal.                                |
| 4.  | MAIN         | BNC port for the main monitor.                                  |
| 5.  | AUDIO OUT    | RCA output port for audio signal.                               |
| 6.  | VGA          | VGA port.   |
| 7.  | HDMI         | HDMI port. (Option)   |
| 8.  | EXTERNAL I/O | External I/O port.  |
| 9.  | USB          | Port for USB mouse device (Front port for USB external devices) |
| 10. | LAN          | Network port.   |
| 11. | IR           | IR extension cable jack.  |
| 12. | DC 12V       | Socket for a DC 12V input.                                      |



## 16CH REAR PANEL CONNECTORS



|                 |   |
|-----------------|---|
| 1. VIDEO IN     | BNC input ports for cameras, 16 in total.                       |
| 2. CVBS OUT     | BNC port for the main monitor.<br>SPOT output.                  |
| 3. AUDIO IN     | RCA input port for audio signal.                                |
| 4. EXTERNAL I/O | External I/O port.  |
| 5. AUDIO OUT    | RCA output port for audio signal.                               |
| 6. USB          | Port for USB mouse device (Front port for USB external devices) |
| 7. IR           | IR extension cable jack.  |
| 8. HDMI         | HDMI port   |
| 9. VGA          | VGA port.   |
| 10. LAN         | Network port.   |
| 11. eSATA       | External SATA hard disks port for expanding recording space.    |
| 12. DC 12V      | Socket for a DC 12V input.                                      |

