# 16CH DVR
# Quick Start Guide
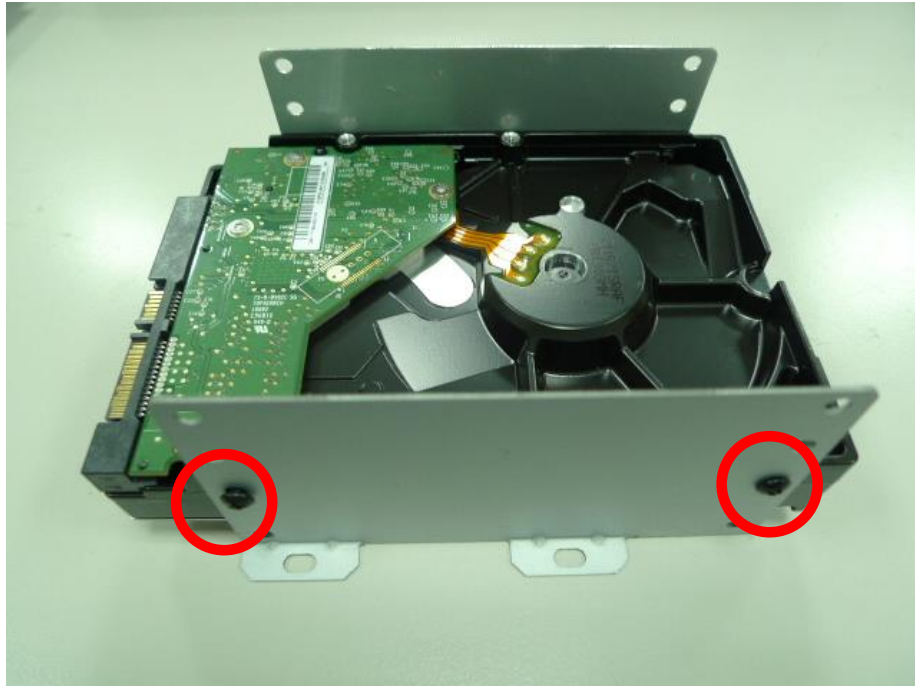


1. Packing.........................................P.1

2. Hard Disk Installation................P.3

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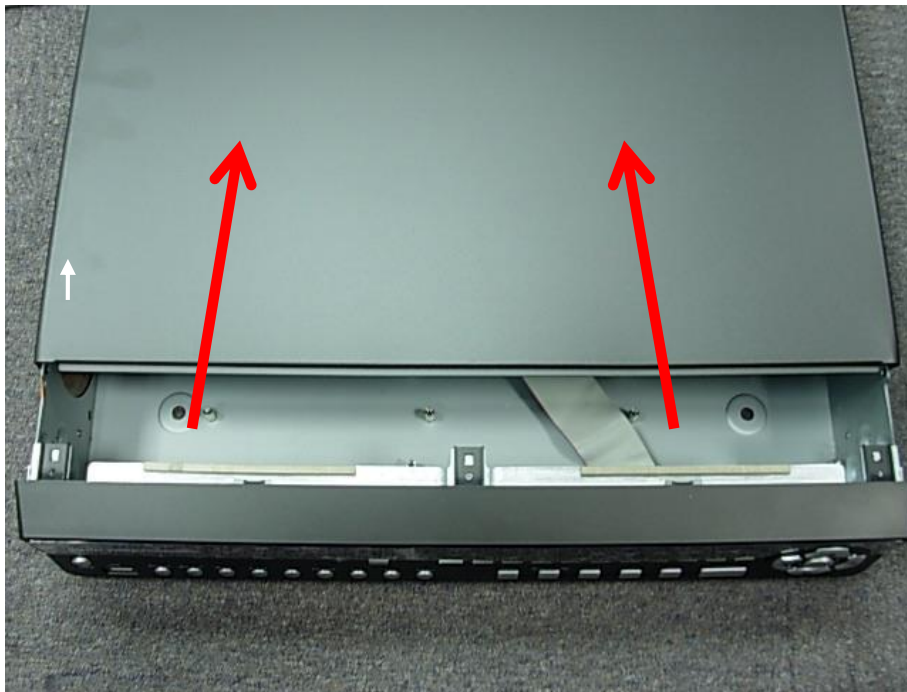5. Rear Panel Connectors..............P.9

# 1 PACKING

**1. DVR**

**2. Quick Start**

**3. IR Remote Control** *Pressed "DVR1" Button before use

**4. Battery**

**5. CD**

**6. Hard Disk Mount**

**7. Screws**

**8. Power Cord**

**9. SATA Cord**

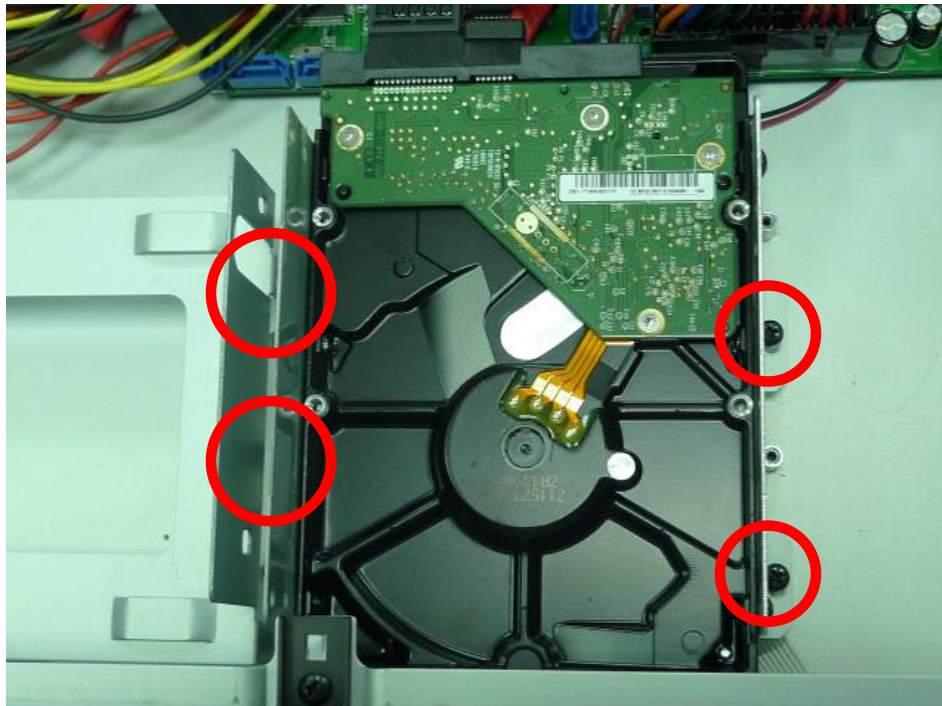Note: Standard shipping products do not include HDD

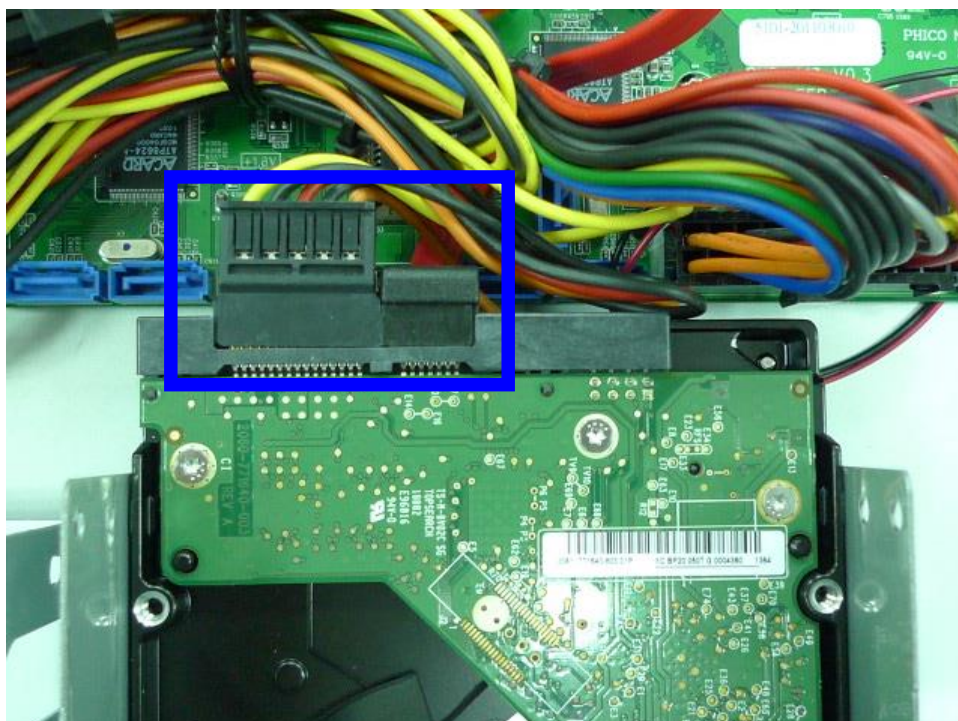**Step 1) Fix the HDD to rack mount with the screws as indicated.**



**Step 2) Remove all screws and remove the machine cover in accordance with the direction of the arrow.**

**Step 3) Place the HDD on the HDD plate and screw it as indicated.**



**Step 4) 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 "Storage Setup" for reference.
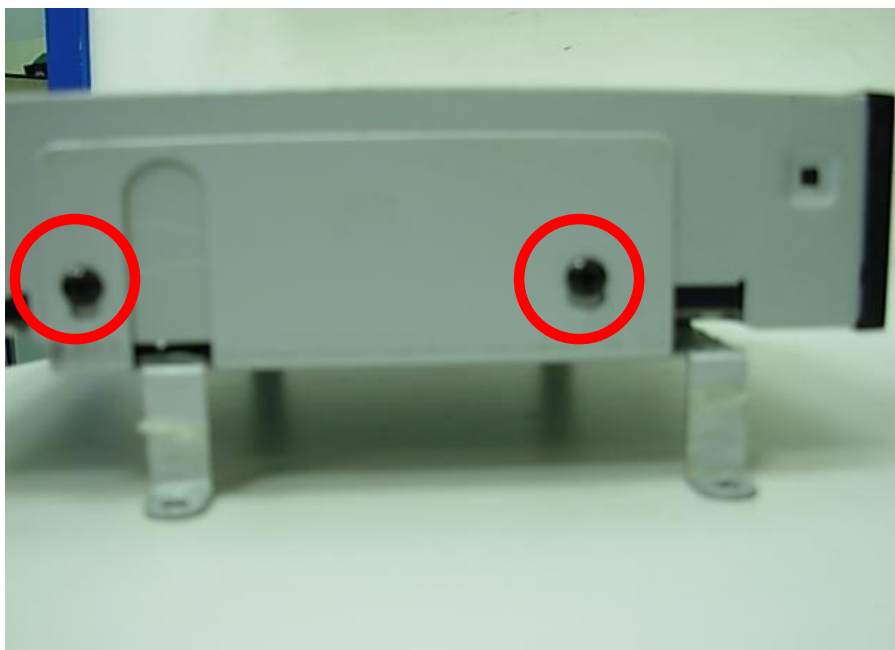
## *DVD-RW Installation*

**(Standard shipping products do not include HDD and DVD-RW)**
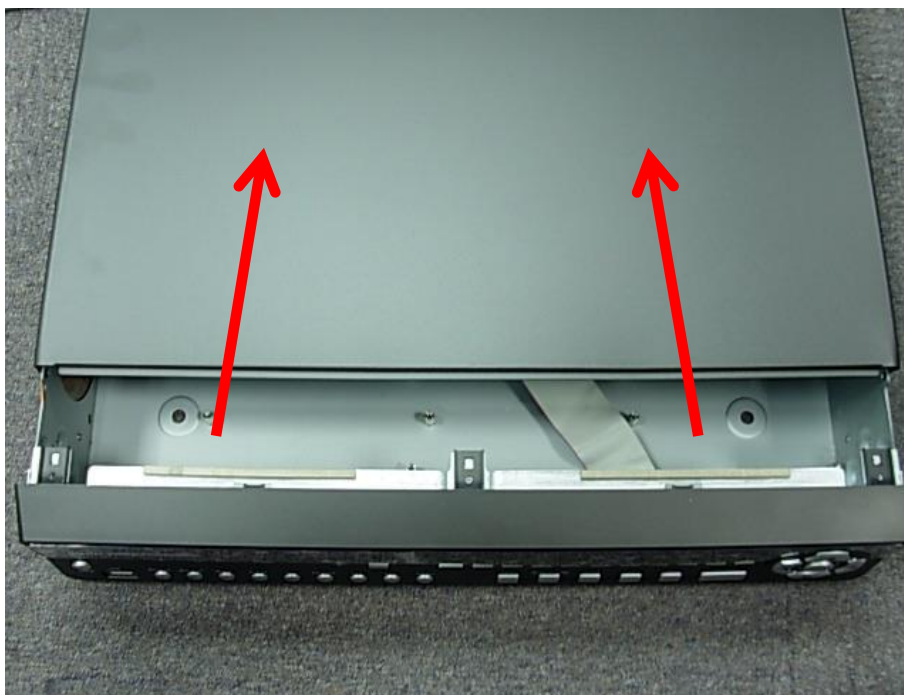
**Step 1) Remove the riser of DVR-RW.**



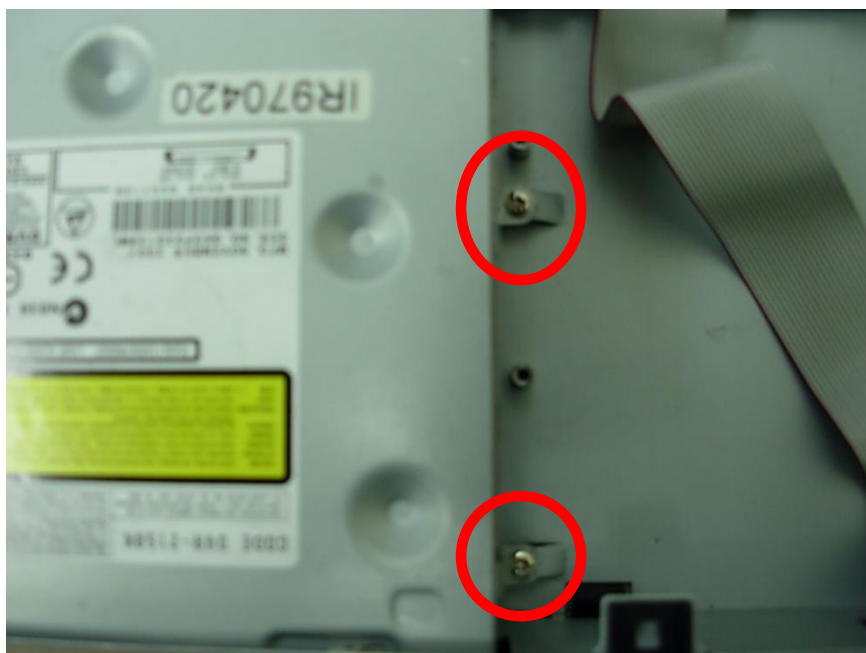**Remove the riser of DVD-RW**

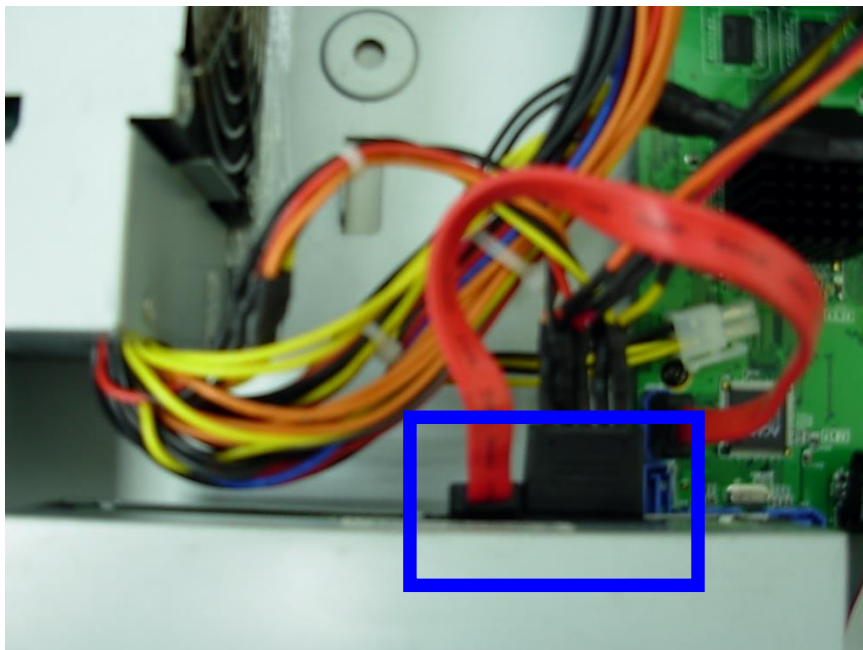**Step 2) Fix the DVD-RW to rack mount with the screws as indicated**

**Step 3) Remove all screws and remove the machine cover in accordance with the direction of the arrow.**



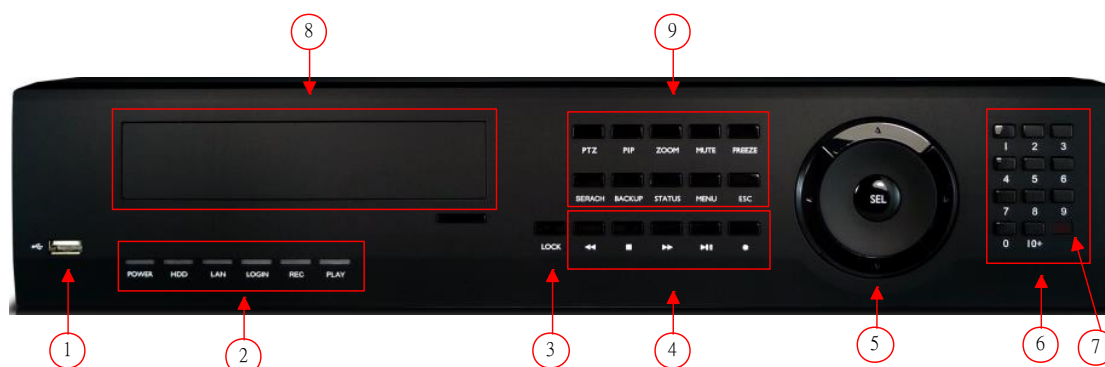**Step 4) Fix the DVD-RW rack mount with the screws into to housing as indicated**

**Step 5) Connect the power and the SATA cables as indicated.**

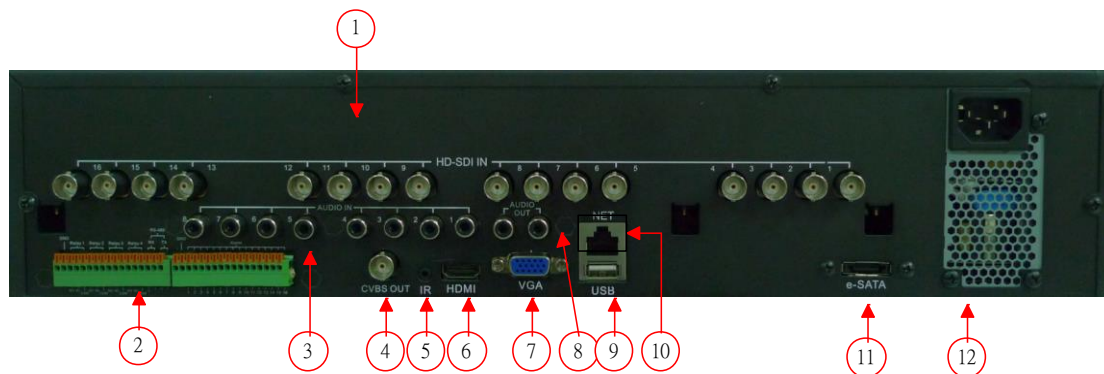| 1. USB 2.0 | USB port |
|---|---|
| 2. LED Display (From left to right) | HDD：Hard disk drive<br>Power：Power is on<br>LAN：Network connected<br>LOGIN：User login<br>REC：Recording<br>PLAY：DVR play video |
| 3. LOCK | On / Off Key Lock in live mode. |
| 4. Playback Keys | REW: In PLAYBACK mode, press to play rewind<br>PLAY / PAUSE: In PLAYBACK mode, pause / resume playback<br>STOP: In PLAYBACK mode, stop playback<br>FF : In PLAYBACK mode, press to play forwards |
| 5. Arrow keys | In SETUP mode, move the cursor up / down, reduce / increase the value of key.。 |
| 6. Number 0~9、10+ | Select the full screen channel in live mode.<br>Select the full screen channel in playback. |
| 7. IR Sensor | Input sensor for the remote control |
| 8. DVD Writer | Optional DVD-RW backup device. (Option) |
| 9. Function Keys | STATUS: In live mode, enter the System Information menu<br>BACKUP: In LIVE mode, press to display the BACKUP menu.<br>MUTE : In LIVE mode, enable/ disable live audio<br>ZOOM: In LIVE mode, enlarge the display of a channel.<br>PIP : No function<br>FREEZE: In LIVE mode, display can be FREEZE.<br>PTZ : Display PTZ Menu.<br>ESC : In SETUP mode, Exit / Return to previous setup menu<br>MENU: In LIVE mode, press to display menu. |

## 5 REAR PANEL CONNECTORS

### Rear Panel



| | | |
|---|---|---|
| ● | SDI IN | SDI input port for HD camera, 8 in total. |
| ● | EXTERNAL I/O | External I/O port, left and right are two groups, see the following table function |
| ● | AUDIO IN | For 8-way audio |
| ● | CVBS OUT | BNC output port for second monitor |
| ● | IR | IR extension cable jack. |
| ● | HDMI | HDMI port |
| ● | VGA | VGA port. |
| ● | AUDIO OUT | RCA output port for audio output, 2 in total. |
| ● | USB | USB port |
| ● | LAN | Network port. |
| ● | eSATA | External SATA hard disks port for expanding recording space. (depends on model) |
| ● | AC 110/220V | Socket for an AC 110/220V input. |