

# **QUICK GUIDE**

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**XQH SERIES  
PRO & LITE**

**▶ Contents**

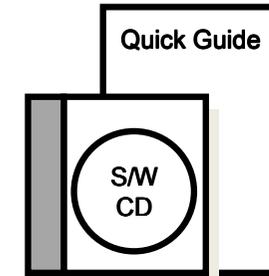
Remote  
Controller



Rack Mount  
(PRO Only)



XQH PRO Series



Software CD / Manual



Power Code



DC Adaptor  
(LITE Only)



XQH LITE Series



USB Mouse  
(Option)

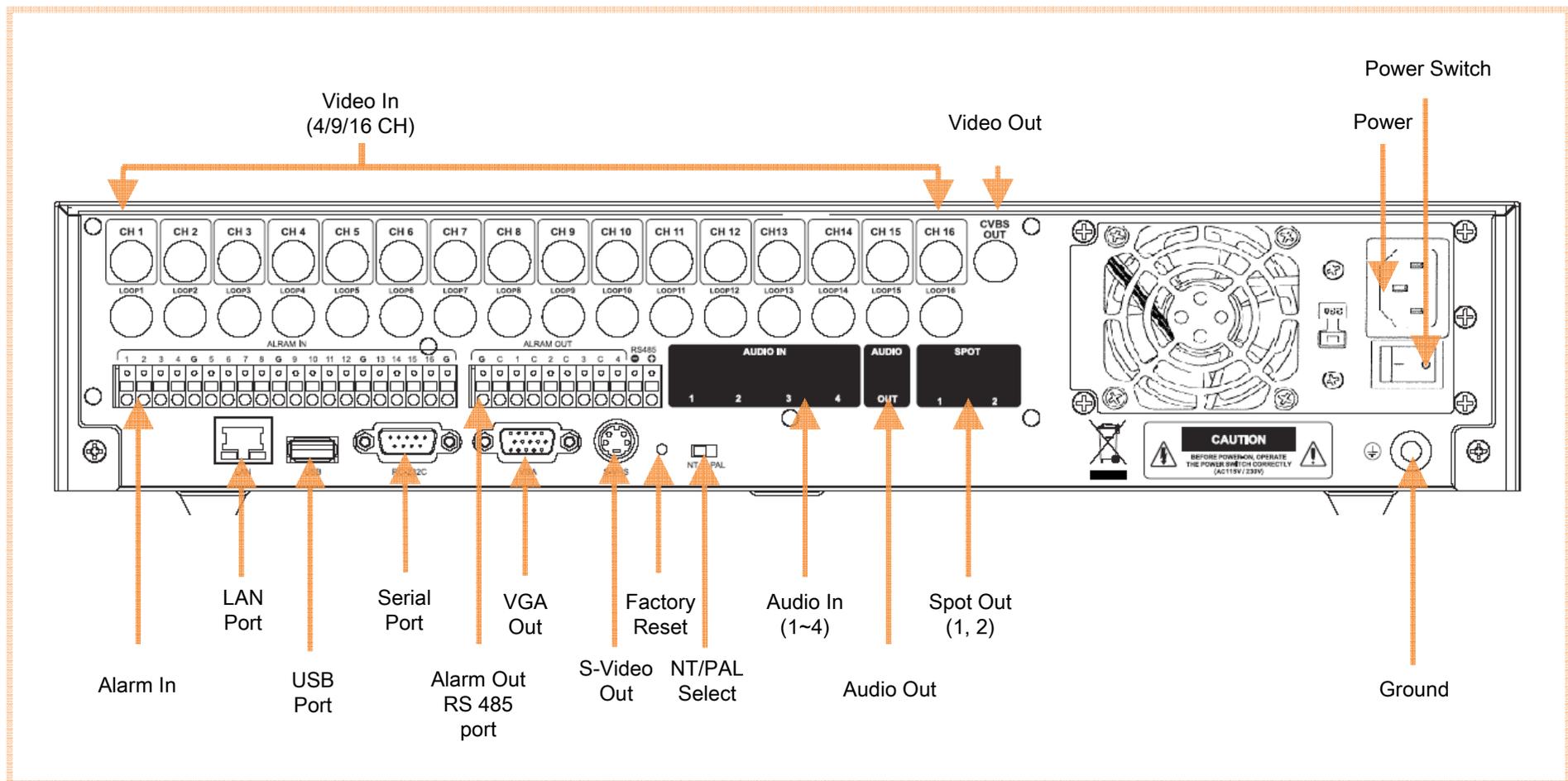
**▶ Specification and appearance may be changed without prior notification.**



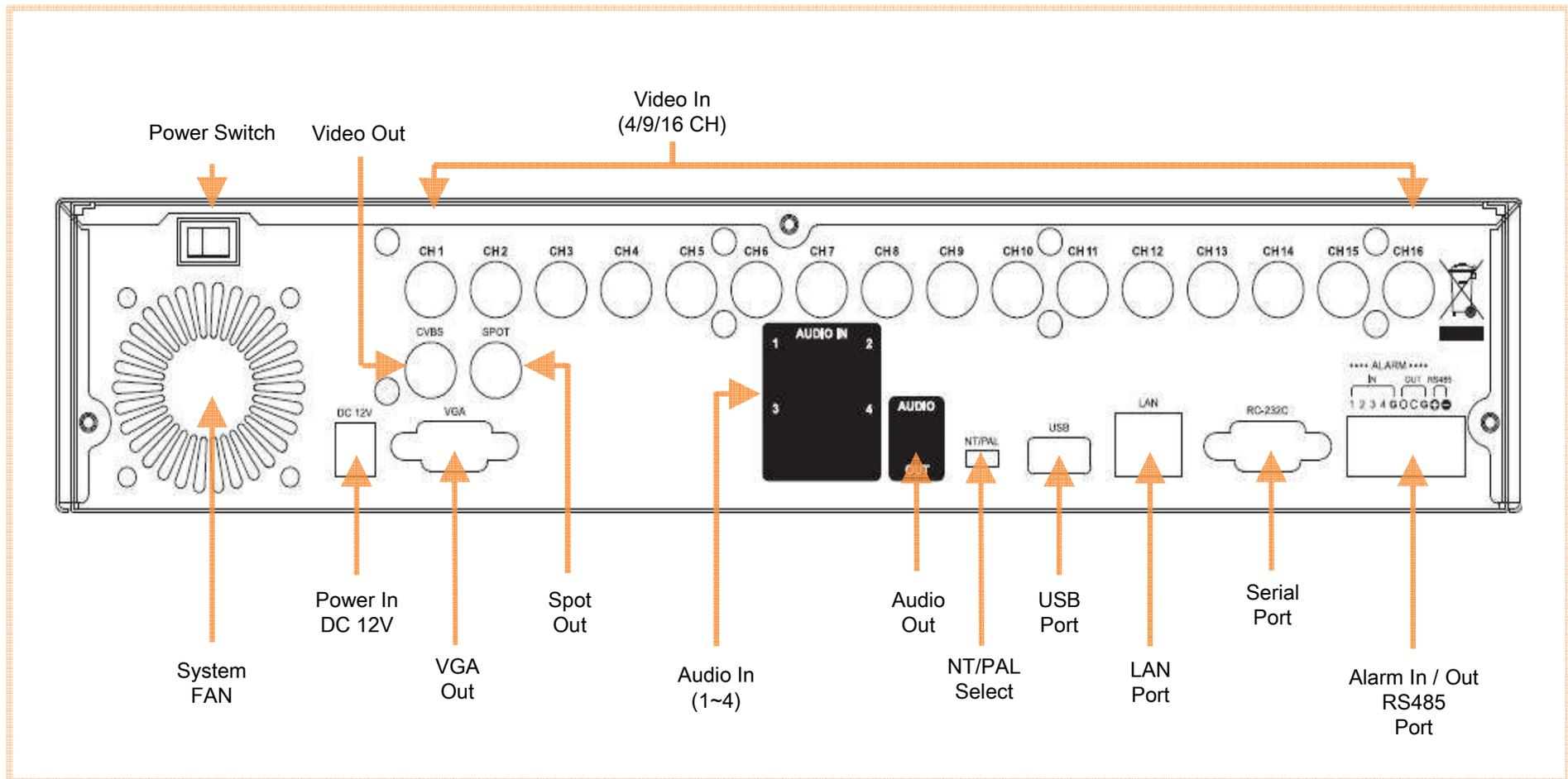
Please, check the items supplied with your DVR System. Refer to the picture above and contact your local dealer if you find anything is missing or damaged..

## STEP 2

## DVR Rear Connection Details (PRO Series)



- Please, pay attention to the correct polarity (+/-) when connecting Pan/Tilt.
- Wrong wiring may cause the malfunction of DVR.
- The maximum communication distance of RS 485 is about 1.2Km. However, it may also depend on the cable type and quality
- Devices that operate with electric lamp or AC should use the separate relay.



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| Icon  | Function        | Hotkey            |
|---|-----------------|-------------------|
|    | POWER ON / OFF  |                   |
|    | PLAY / PSUSE    | Go to Last Search |
|    | STOP            | Go to Live Screen |
|    | FAST REWIWD     | First Search      |
|    | FAST FORWARD    | Last Search       |
|    | STEP BACK       | Calendar Search   |
|    | STEP FORWARD    | Event Search      |
|    | Screen division |                   |
|    | SEQUENCE        |                   |
|    | FREEZE          |                   |
|   | ZOOM            |                   |
|  | SETUP           |                   |
|  | BACKUP          |                   |
|  | COLOR           |                   |
|  | STATUS          |                   |
|  | NAVI Button     |                   |
|  | MENU            |                   |
|  | ESC             |                   |
|  | RECORD          |                   |



- **How to change Remote Controller ID**

- Press 'ID' button for 3 seconds
- Power LED lightens.
- Enter two digits. In (00 ~ 99) – 00 means no ID.  
- ID should be selected from 01 to 99.
- LED will go off after saving setting value.
- The RC can be used with other DVRs with similar ID.
- LED will blink every time any data is transferred.

**System Start**

- Connect the power adaptor to DVR.
- Turn on the power switch on the rear.
- Booting will take about 1 minute 30 seconds.  
(It may take more if the network cable is not connected)

**System Shutdown**

- Select [SETUP > SYSTEM > SYSTEM SHUTDOWN] to shutdown system.
- After pressing “OK” on the pop-up message switch off the power on the rear of DVR.





1 Monitoring Screen : Provides the LIVE view from each DVR channel

<Screen Indication>

LeftUp : Camera Name, P – Pan/Tilt, A – Audio

RightUp : Record Mode (Blue-Normal, Red-Event) ,Motion Status

Central : Video Loss (No Signal), Hide Screen (Hidden Camera)

2 Status Bar : DVR Status Indication(Backup, HDD Usage, Current Time, Sequence, Freeze, Login Info etc.)

## Record



## Record

Setting Menu for Record.

- Record Policy
- Record

## Setting Record

**Record Policy**

Select the Record Policy.

- Single Record
- Overwrite

**Record Data Retention**

Select Record Data Retention date from Disable to 365.



- This feature only works when “Overwrite” option selected on Record Policy.
- Data Retention functions during:
  - System Booting, editing Setup, every midnight
  - Editing Time Settings or GMT
- System Log registers the Record Data deleted during the Data Retention.



- Data deleted during the Data Retention can not be recovered.  
Please double check your recording data before proceeding.



- If you set the Data Retention date as 5, the Recorded Data available for search will be limited to 5 days 23 hours 59 minutes 59 seconds.
- Data Retention volume should not exceed the capacity of the HDD installed on your DVR.

**Record**

Set up specific Record Type for each camera.

**Resolution**

There is 3 different resolution settings for each camera.  
360\*240(CIF), 720\*240(HALF-D1), 720\*480(D1)

**Record Mode**

Set up Record Mode.  
NORMAL+EVENT.

**NORMAL Record FPS/Record Quality**

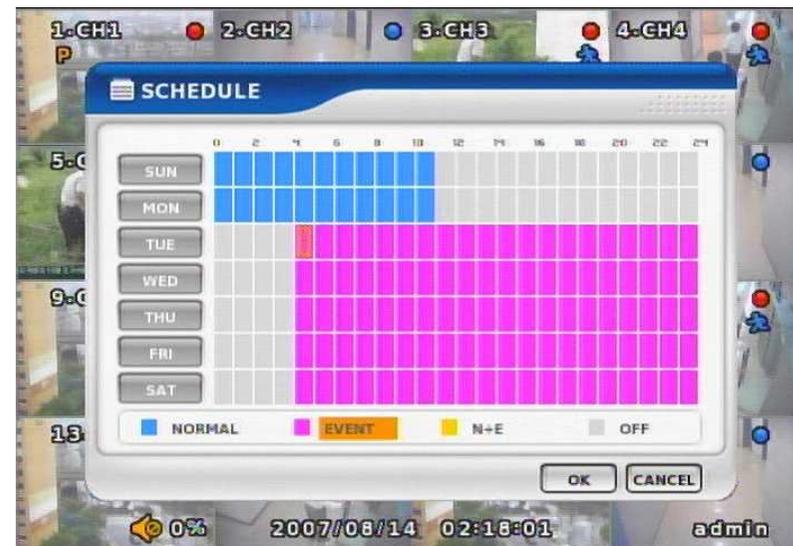
Menu Icon for setting Frame rates of Normal Record and Quality

**EVENT Record FPS/ Record Quality**

Menu Icon for setting frame rates of Event Record and Quality.

**Schedule**

Set the week-based Schedule.



## Search Screen

**1 Playback Screen**

: Record Playback

**2 Playback Time**

: Playback Time Display

**3 Playback Status**

➤ Pause (II)

➤ Play (▶)

➤ Multiple Playback (▶▶, ▶▶▶, ▶▶▶▶)

- It randomly shows the first searched record file when it goes to SEARCH MODE.
- This type is the same as on Event Search, so it may possibly not show the exact searched file.

**SEARCH MENU** \* Click Right button on mouse or push on MENU button to enter



## DISPLAY

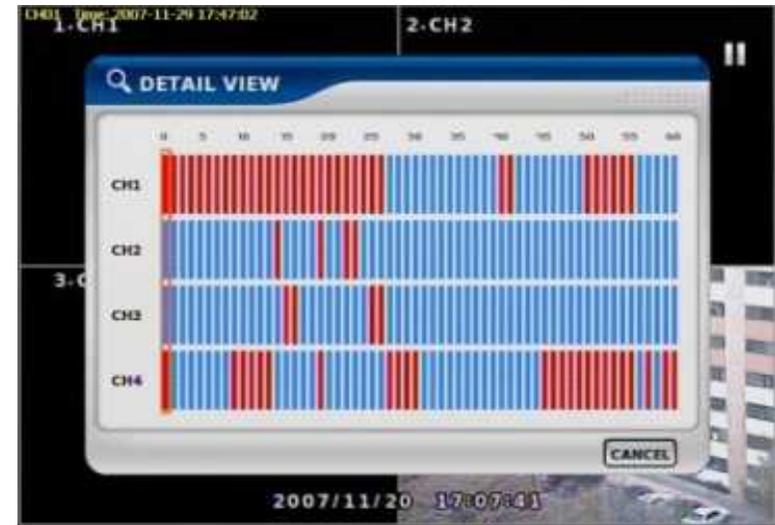
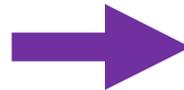
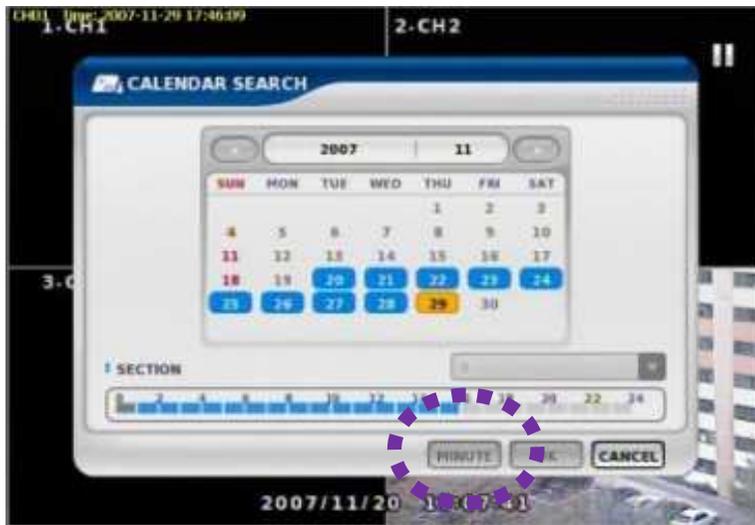
Select screen division mode.

➤ 1, 4, 9, 16

**CALENDAR SEARCH**

Select Date, Hour, Minutes, Seconds in turn on Calendar Search.

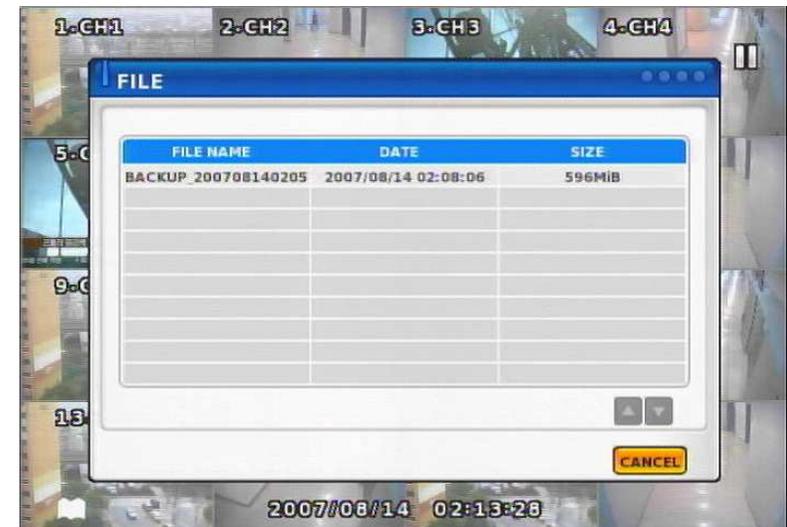
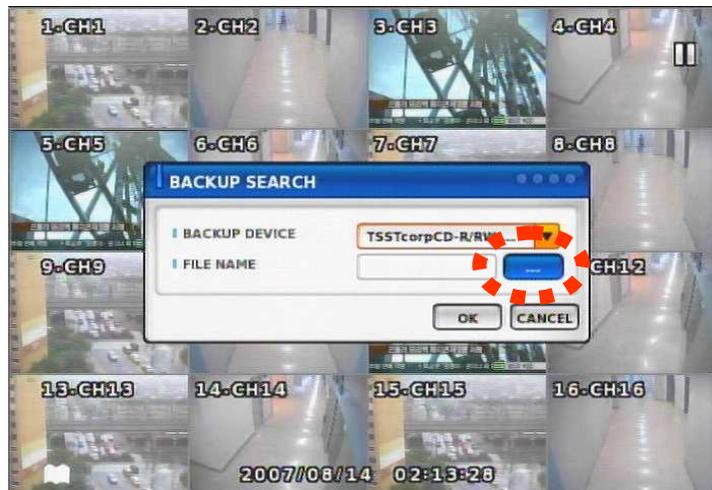
When you click MINUTE, you can find specific Record Status as right below.



**Backup Device**

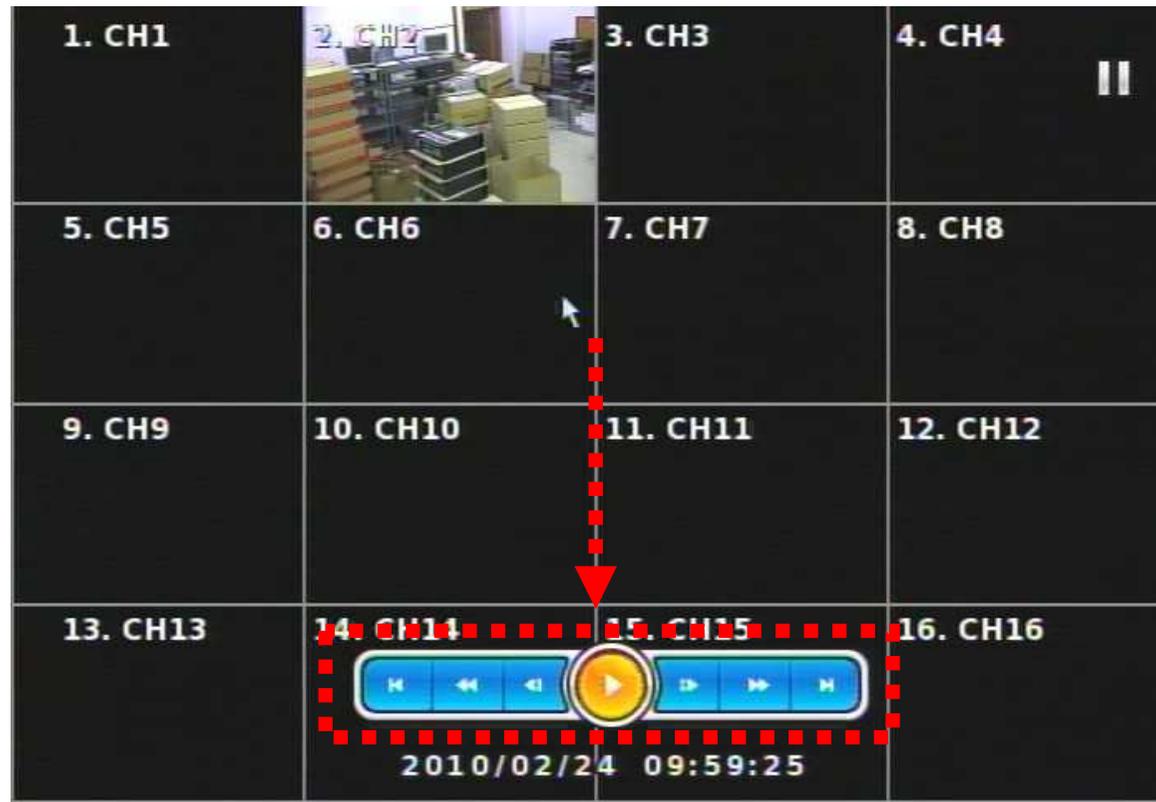
Search Backup device. (Select when you play the Backup Data.)

If there are various Backup devices you can select a specific one.



**Playback Toolbar**

Toolbar as shown below can be controlled by mouse for easy Playback control.



- Playback User Interface
- Playback buttons appears when locate the mouse pointer at the bottom of screen.

## Network



## NETWORK

Set up various network items.

- LAN
- DDNS

## 1 LAN

**Maximum User Number**

Shows the maximum number of CLIENTs who can connect.  
(Up to 4)

**STATIC Type**

Select when using STATIC IP.  
All of IP, GATEWAY, NETMASK setting values should be set manually.

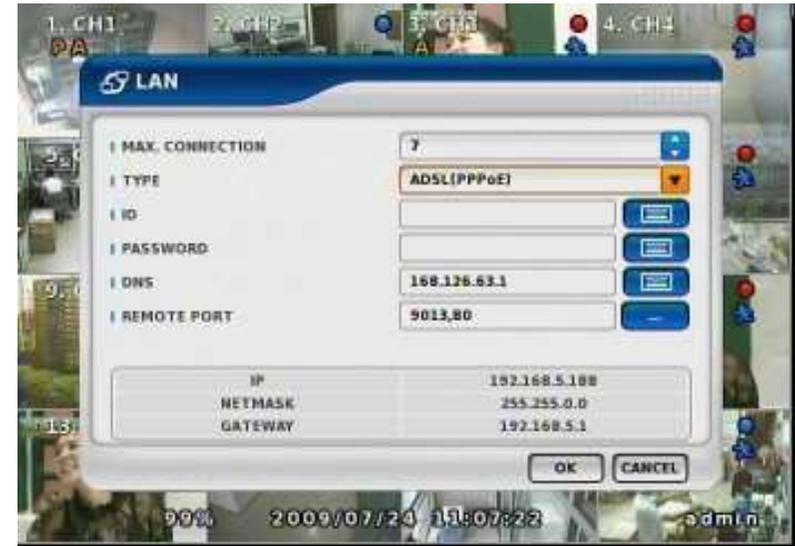
**DHCP**

Select during automatic DHCP IP.  
User sets DNS only.  
(only under DHCP Server Operating Mode)



**ADSL (PPPoE)**

When using ADSL line you will need to input the USER ID and P/W.



**DDNS(Dynamic DNS)****USE**

Select if you want DDNS.

This function enables you to connect to the Network in the Dynamic IP environment.

**SERVER**

Select DDNS server.

EZDDNS : Specialized DDNS server

→ [www.ezddns.com](http://www.ezddns.com)

DYNDNS: DDNS public server

Register Account and HOSTNAME in the Server to use the DDNS Service.

**HOSTNAME**

HOSTNAME should be used at Dynamic IP environment instead of IP Address. HOSTNAME should match the Name registered on DDNS server.”

(Ex. xqh-xqh.ezddns.com)

**USER NAME / PASSWORD**

Enter the ID and P/W registered in DDNS Server.

**ROUTER**

Check if NETWORK Environment is through Router or IP sharer.

It is recommended to use EZDDNS Server rather than DYNDNS which is not the optimized system.

**2** Checking the Network Status and Info**Menu → Others → Status → Network**

You may check the Network Setting Values which is registered on DVR as shown in the picture.

**MAC Address**

: Be sure not to reveal the MAC address of the product..

**IP**

: This is the IP Address of the DVR.

**NETMASK**

: This is the NETMASK set up on the DVR.

**GATEWAY**

: This is the GATEWAY set up on the DVR.

**DNS**

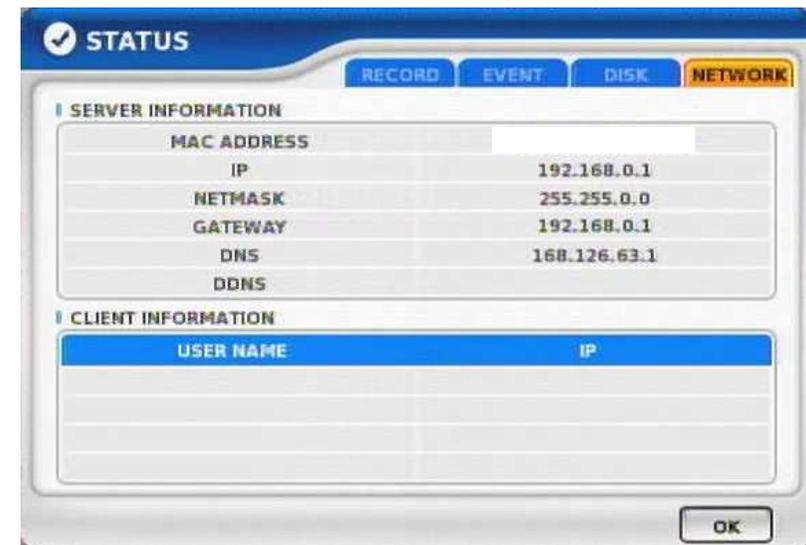
: This is the DNS set up on the DVR.

**DDNS**

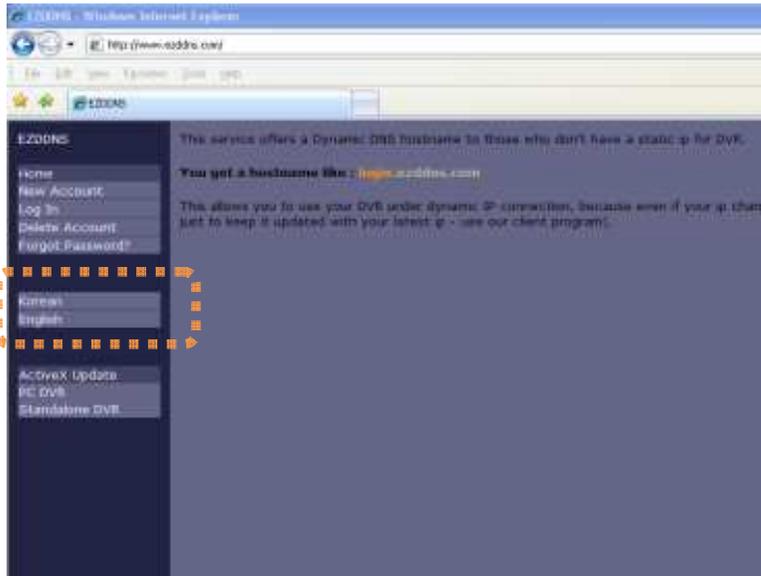
: This is the DDNS set up on the DVR .

**CLIENT INFORMATION**

: This is the CLIENT INFO linked to the DVR.



## 3 EZDDNS Homepage Registration



## Server

- The Server Address is [www.ezddns.com](http://www.ezddns.com) .
- Please select English.

## Initial Display

: This will take you back to the EZDDNS Homepage .

## Member Registration

: This can be used only if you already registered your ID, P/W and E-mail..

## Canceling Membership

: Enter your ID and P/W, delete the Membership Info to cancel your Membership from EZDDNS.

## Password Confirmation

: You may check your password by entering the ID and E-mail address used for the Member registration.

## LOGIN

: Enter your ID and P/W to Login.

## Korean / English

: Select the language of use of EZDDNS.

4 Host Registration and Management



Registering New Hostname

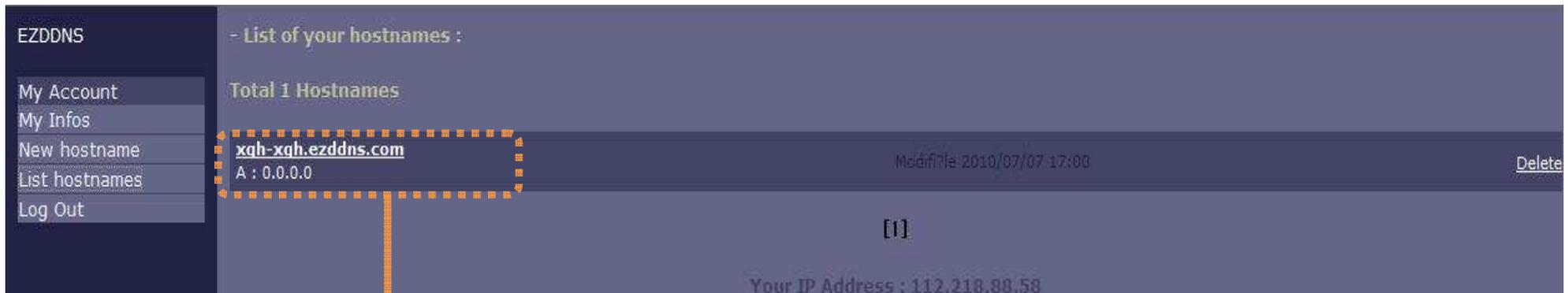
: After selecting New Host Registration, enter any desired name like "xqh" and click on "Create".

Please use Numbers or Alphabet to register the new name.

List Hostname

: Check the Host Link after Hostname registration.

Delete : The registered Hostname can be deleted.

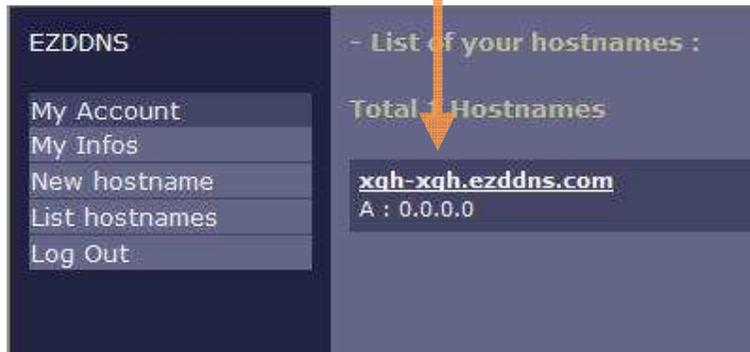


Xqh-xqh.ezddns.com

: This is the Hostname registered in the Host List.

A : 0.0.0.0

: This is the Port Forwarding IP Address.



The reason why IP Address appears as A : 0.0.0.0 is because the Port Forwarding was not done properly. In order to use DDSN you must set up Port Forwarding from IP Sharer.

## 5 Port Forwarding



Port Forwarding method:

1. Check the current IP Info on the DVR  
: STEP9 – Refer to ②.
2. Register the confirmed IP Info on the LAN Settings of DVR  
: STEP9 – Refer to ① .
3. Input in the DVR the registration Info from DDNS homepage.  
: STEP9 – Refer to ⑦.
4. Connect to IP Sharer to set up the Port Forwarding  
: STEP9 – Refer to ⑤, ⑥ .

Description of Port Forwarding:

Refers to the change of destination address and/or port on the packet with subsequent regular routing in a network address translator gateway to reach a host within a masqueraded, typically private, network based on the port number on which it was received from the originating host.

For example, if you enter [www.google.com](http://www.google.com) , you will always be forwarded to the GOOGLE homepage.

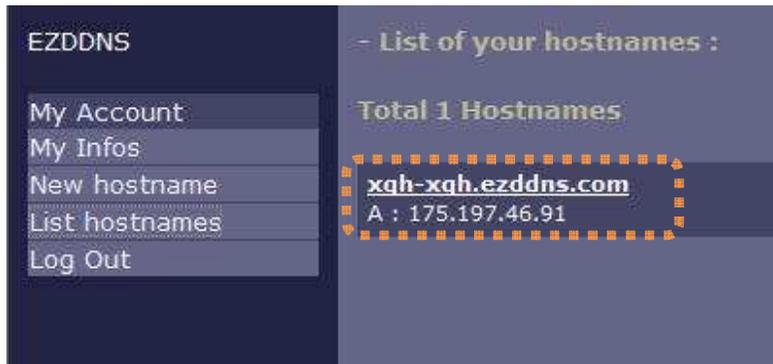
Terms use for the Server may differ according to the manufacturer.

Terms like Port Forwarding, Port Forward, Virtual Server Settings can be seen. For the related questions please refer to your Server Manual or contact the manufacturer.  
The IP Sharer of this product is ipTIME N604M.

6 Port Forwarding



|   |                                     |            |               |     |           |           |                          |
|---|-------------------------------------|------------|---------------|-----|-----------|-----------|--------------------------|
| 1 | <input checked="" type="checkbox"/> | XQH Web    | 192.168.10.94 | tcp | 80-80     | 80-80     | <input type="checkbox"/> |
| 2 | <input checked="" type="checkbox"/> | XQH Remote | 192.168.10.94 | tcp | 9013-9013 | 9013-9013 | <input type="checkbox"/> |



Port Forwarding Method for Port 80

1. Port Forwarding Name  
: Designate the Port Forwarding Name for service.  
(Ex. : XQH Web)
2. Enter Internal IP Address  
: Connect DVR with LAN cable and enter the IP Address of Network Status as shown in the left picture: 192.168.10.94
3. Input the Internal & External Ports  
: Set up the Internal and External Ports which should further be connected to Internal Address.
4. New Port Added  
: Finally, click on the ADD button to complete the Port Forwarding for Port 80.

Port 80

: The correctness of Port Forwarding for the Port 80 can be confirmed at IP Address No.: 192.168.10.94

To view the XQH thru Web please perform the Port forwarding for the Port 80.  
9013 Port is used at XQRemote, XQSearch and XQCMS.

Confirmation of Port Forwarding Setup at EZDDNS homepage  
: On the left picture the IP Address like A : 175.197.46.91 will appear confirming that Setup was completed properly.

If the IP Address appears in form of A : 0.0.0.0, the LAN, DDNS and Port Forwarding Settings should be checked again.

## 7 DDNS 설정

The screenshot shows a DDNS configuration window with the following settings:

- ENABLE: YES
- SERVER: EZDDNS
- HOST NAME: xqh-xqh.ezddns.com
- USER NAME: xqh
- PASSWORD: \*\*\*\*
- ROUTER: YES

In order to use DDNS Server, first the User Account and Hostname should be registered in the Server.

HOSTNAME should be entered in full as shown in the picture "xqh-xqh.ezddns.com".

As DYNDNS is not optimized system it is recommended to use EZDDNS Server.

Description of DDNS

: Dynamic IP environment that allows Network access.

Use : Select if you need DDNS.

Server : Select DDNS Server.

➤ EZDDNS : Specialized DDNS operated by manufacturer  
➔ www.ezddns.com

➤ DYNDNS: Free DDNS Server

HOSTNAME

: Username of IP Address on Dynamic IP environment. It is the same Name registered on DDNS Server.

Username/Password: Type in the Username and P/W registered on DDNS Service.

Router : Select "YES" to use the Router or IP Sharer.

## Product Warranty

|               |  |                  |         |
|---------------|--|------------------|---------|
| Product Name  |  | Model            |         |
| Serial No.    |  | Date of Purchase |         |
| Dealer        |  | Phone            | Address |
| Customer Name |  | Phone            | Address |

### Warranty Period – 2 YEARS

As warranty period is counted from the date of purchase, it is recommended that you get the date of purchase to be written. (If you are not sure about the date of purchase, the warranty period is counted from the date when six months are passed from the date of manufacture.)

### Free Service

We will recompense in accordance with free service or Consumer Damage Compensation, Ministry of Finance and Economy's Notification, in case there is any failure of performance or function, which occurred naturally under normal use of product within two years (warranty period) after purchasing the product.

### Pay Service

1. In case of failure due to consumer's mistake
  - in failure due to the careless handling, repair or conversion of the consumer
  - in failure due to the repair by unqualified person instead of dealer or service center engineer
  - in failure or damage due to falling or such things during relocating after installing
  - in failure due to abnormality of used power or inferiority of the networks and apparatus that is attached to this product
  
2. In case of other reasons such as disasters (fire, salt damage, flood, landslide, etc.)