Quick Guide

GANZ IP

8CH / 16CH Full HD NVR

1 Installation

Rear View

No.	Item	Description
➐	AC input	NVR power input port. 100-240V AC, 50/60Hz
➑	RS-232C	Signal connection port for POS and ATM. ✔ Scheduled to be upgraded.
➒	ALARM IN	Alarm input signal port.
➓	AUDIO OUT	Port for speaker connection.
⑪	USB	Port for connecting USB devices. (For mouse, backup device or firmware upgrading)
⑫	eSATA	Connection port for external SATA storage (HDD).
⑬	VGA	VGA video output port.
⑭	HD MONITOR	Port for connecting a full HD (1920x1080) supported monitor. Use the HDMI cable to connect with a 1080p 60Hz monitor.
⑮	LAN(DOWNLINK)	Exclusive Port dedicated to connect the NVR Hub. ⚠ Do not share with other device.

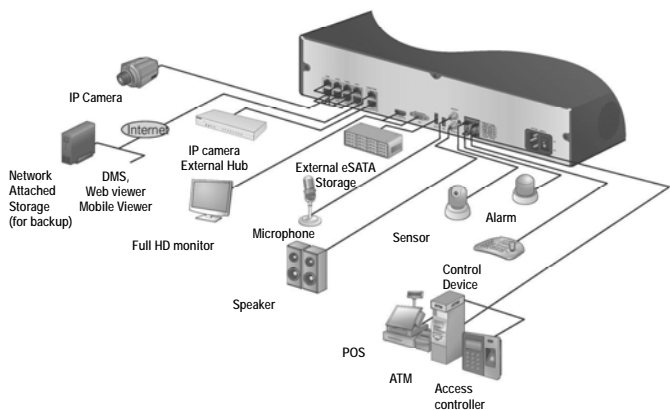|		
❶	CAM1-CAM8	Ethernet ports used for connecting the network cameras.
❷	WAN(UPLINK)	Network ports for connection to the internet, router or hub.
❸	AUDIO IN	Microphone connection port.
❹	ALARM OUT	Alarm Out port.
❺	RS-485	Communication port for connecting peripherals such as system keyboards.
❻	Power Switch	Power switch of the NVR. Plug the power cord and turn this switch on.

Basic Layout

✔ Output for two monitors at the same time is not supported. Ether one of HDMI and VGA output to one monitor is available.

✔ Signal connection for POS and ATM is scheduled to be upgraded later.

Connecting the camera

CAM 1-8 CH

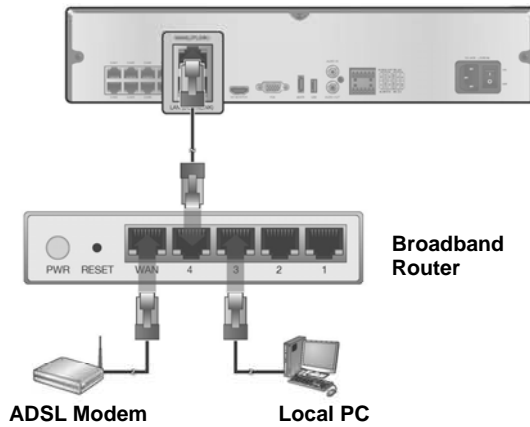IP camera Extender Hub (Only for 16 Channel NVR)

CAM 9-16 CH
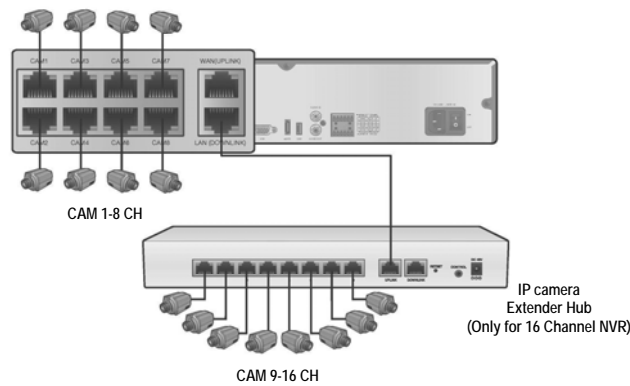
✔ If the IP camera provides the alarm I/O port or Audio I/O port, you can make alarm or audio connection. For more details, refer to the user manual of the IP camera.
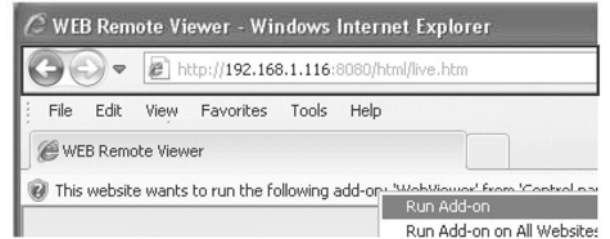
5

Network setting

▌Network Connection

Broadband Router

ADSL Modem   **Local PC**

▌To access the Viewer


```
WEB Remote Viewer - Windows Internet Explorer
http://192.168.1.116:8080/html/live.htm
File   Edit   View   Favorites   Tools   Help
WEB Remote Viewer
This website wants to run the following add-on: 'WebViewer' from 'Control bar
                                    Run Add-on
                                    Run Add-on on All Websites
```

1. Open the browser and enter the IP address of NVR, or enter the URL address in the address bar.
   (ex) if you use the DDNS of the NVR
       http://0015f123456.dvrlink.net.8080
       if you do use the IP address of the NVR:
       http://192.168.1.116:8080
   For more information about the router and network setting, refer to the user manual of the respective product.

2. When the login dialog appears, enter the user name and password.
   ✔ The default ID and password
     -User name :ADMIN
     -Password : 1234
     Be aware when enter the ID whether it is upper or lower case.

3. Click the upper warning bar to install the ActiveX before enabling the add-in function.
4. When the security warning window appears, click<install>

5. When the ActiveX is installed completely you will see the live screen.

✔ For more information about using Web Viewer, refer to the user manual.

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Access to the mobile viewer

▌How to download and access the GanzView for iOS

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1. From your iPhone access App store
2. From the top menu bar, click < 🔍 >
3. Type "GanzView" in the search bar.
4. Select "GanzView Lite".
5. Install application.

▌How to download and access the GanzVeiw for Android

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1. From your smart phone, access Google Play.
2. From the top menu bar, click < 🔍 >
3. Type "GanzView" in the search bar.
4. Select "GanzView Lite".
5. Install application.

3 Recording

Automatic Recording Setting

1. Press [MENU] on remote control, and use the direction buttons to select <RECORD SETUP> and press [ENTER]
Alternatively, you can select <MENU> - <RECORD SETUP> from the status bar.

2. Set <RECORD SETUP MODE> to <AUTO CONFIGURATION>.

3. Select "Automatic Record Configuration Mode".

> ALWAYS HIGH VIDEO QUALITY : Recording will proceed in the best quality regardless of the event at all times.
As this option will always make recording in the best quality, the recording period is the shortest compared to the other recording mode.

> MOTION RECORD : Recording will proceed only If a motion is detected.

> ALARM RECORD : Recording will proceed only if alarm event occurs.

> MOTION/ALARM RECORD : Recording will proceed only if a motion is detected or an alarm event occurs.

> INTENSIVE MOTION RECORD : Normally recording will be performed in a low quality. However, the quality will switch to high if a motion is detected.

> INTENSIVE ALARM RECORD : Normally recording will be performed in a low quality. However, the quality will switch to high if an alarm event occurs.

> INTENSIVE MOTION/ALARM RECORD : Normally recording will be performed in a low quality. However, the quality will switch to high if a motion is detected or an alarm event occurs.

4. Click <APPLY>.

4 Search

Time Search

1. From the <SEARCH> menu, select <TIME SEARCH>

2. Specify the search date and time from the calendar in the left corner of the screen.

3. You can identify the type of the recording data by the color in the bar.

> Pink (PRE RECORDING) : The pre-recording is performed on the recording data after you set the <PRE RECORDING TIME> from <OPERATION MODE>.

> Green (Continuous) : The continuous recording is performed on the recording data.

> Red (Alarm) : The alarm event recording is performed on the recording data.

> Blue (Motion) : The motion event recording is performed on the recording data.

> Yellow (Panic) : The panic manual recording is performed on the recording data

4. Click to move to desired start time in the time bar, or use the buttons at the bottom of the status bar to make search.

5. Select an item to play and click <PLAY>.

█ Click to move to desired time, or simply double-click a desired time in the time bar to play the video data on the time.

✔ For details on the thumbnail search and event search, refer to the user manual.

5 Network Setting

Network Connection Setting   To configure the network settings

1. Connect the [WAN(UPLINK)] port in the rear panel of the NVR to any port available except for the WAN port of the router.

2. Connect the [WAN(UPLINK] port of the router directly to the fixed IP LAN cable, or connect it to the xDSL modem.

3. Check the network address information if using a network environment connected to the same router.

4. Enter the network setting menu of the NVR and provide the IP address.

1) From the main menu of the NVR, move to <SYSTEM SETUP> - <NETWORK> - <IP SETUP>.

2) Uncheck the DHCP checkbox and provide the necessary information manually.
(Check the network address information in the network environment settings and enter the correct information.)

> IP ADDRESS : 192.168.1.116 (enter the network IP address.)
> GATEWAY:192.168.1.1 (enter the gateway address)
> SUBNET MASK:255.255.255.0 (type the subnet mask.)
> The primary, the secondary DNS server: 168.126.63.1 (enter the address of a DNS server.)

✔ Enter an IP address that falls in the privete IP range provided by the router.
Ex) 192.168.1.2-254, 192.168.0.2-254, 192.168.xxx.2-254

3) When done, configure the port forwarding for RTSP and Web Service ports by clicking Port Forwarding. (The default value of the Web service port is 8080.)

4) Click <PORT FORWARDING> for each. You will see the confirmation message. Click <APPLY> and edit the menu.

5) The network settings of the NVR are complete.

✔ Some router models may not support UPNP properly. If you see a failure message after <PORT FORWARDING> settings, refer to the user manual of the router and configure the DMZ or port forwarding settings manually.

5. When the network configuration is complete, proceed with the DDNS settings to allow access to the NVR from outside.
From the main menu of the NVR, move to <SYSTEM SETUP> - <NETWORK> - <DDNS>.

6. Rename the NVR, (The default name of the NVR is the MAC address of the NVR.)
Enter a desired name in combination or characters and numbers.

7. When done, click <DDNS REGISTRATION TEST> and <DDNS CONNECTION TEST> in this order. If you receive a success message, check the NVR address and click <APPLY> at the bottom.

8. Check the NVR address and the Web service port in the network settings to make sure that any Internet-connected PC can access the NVR.
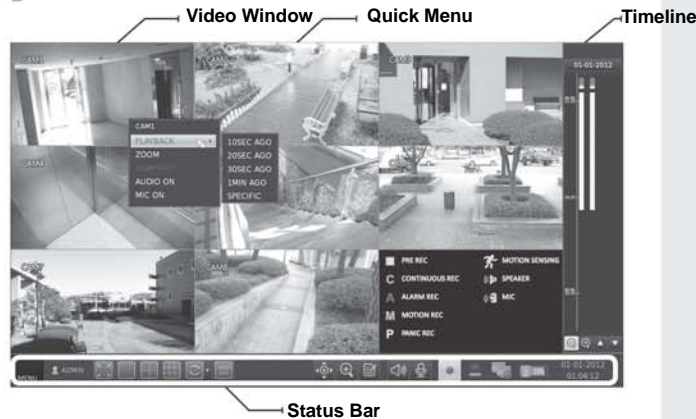
9. If you type "mydvr" for the NVR name from DDN item, the address of the Web viewer is "http://mydvr.dvrlink.net:8080/

Log In


```
                    LOG IN
    USER ID     ADMIN                    ▾
    PASSWORD
```

1. When the system starts, the login screen appears.
2. Select the user ID and enter the password.
   The default user ID is "ADMIN"; the default password is "1234".
3. Click<OK>.

❗ For the security purpose, change the password right after you purchased the product.

Live Screen

Video Window — **Quick Menu** — **Timeline**

Status Bar

Status Bar
Besides the remote control buttons, you can also use the buttons on the status bar to control NVR.

Item	Description
MENU	Select one of the system setup, search and backup menu items before accessing it .
ADMIN	Show the ID of the user who has currently logged in.
▣	Change the screen layout to display both status bar and time line at all times.
▦	Used to select a split mode.
⟳	Switch between Auto Sequence and Special Split mode.
OSD OFF	Display or hide the OSD menu on the screen.
◈	Move to the PTZ screen. You can control the PTZ operations of PTZ-compliant camera on the PTZ screen.
⊕	Move to the Zoom screen.
▤	Display the log list of the recent recording events.

Item	Description
◁	You can use the camera supporting the audio input to listen the audio.
◓	Select a camera to which the audio signal will be transferred from the connected microphone.
▪	Start the emergency recording.
◍	Blink when the event occurs. It will not blink if no action to the event has been set. Click to view information about the event that occured.
🖥	Show the external PC or mobile device that you used to access the network.
▭	Show the disk space information. If you have set the disk overwrite mode, it will be displayed "OW" (Over Write) from the start point of the overwriting.
01-01-2012 03:24:48	Show the current time.

Quick Menu

Item	Description
Channel No.	Display the number of the current channel.
Play	Start playing the video of the selected channel from the specified time.
Zoom	Zoom the video of the selected channel.
Snapshot Capture	(Supported later).
Audio ON/OFF	Turn on or off the audio signal of the selected channel.
Microphone ON/OFF	Turn on or off the microphone signal of the selected channel.

Timeline

Item		Description
Timeline Date	01-01-2012	Display the date of the current timeline. Click this to select a desired date of the timeline.
Zoom in/out the timeline	⊖ ⊕	Expand or collapse the timeline.
Navigation through timeline	▲ ▼	Move to the previous of next point of time in the timeline. You can also use the mouse wheel to navigate through the timeline
Timeline Bar		Represent the recorded data the color of each bar indicates: • Green : Continuous Recording • Red : Alarm Recording • Blue : Motion Recording • Yellow : Panic Recording

✔ Double-click the time line to move to the Playback mode. Drag and drop it to make backup or event search for the specified area.

Language Setting

1. Press [SETUP] on remote control, or select <Menu> - <System Setup> from the status bar.
2. From <System Setup> - <Display>, select <OSD>
3. Select a preferred language.
4. Click <Apply>

Date/Time Setting

1. Press [SETUP] on remote control, or select <Menu> - <System Setup> from the status bar.
2. From <System Setup> - <System>, select <Date/Time>
3. Specify the display format of the current time and date.

❗ As the existing data in the same time and date will be deleted if duplicates are found, backup the existing data for later use.

4. Click <Apply>.