

4/16-Channel H.264 Digital Video Recorder

DVR-471 / DVR-1671



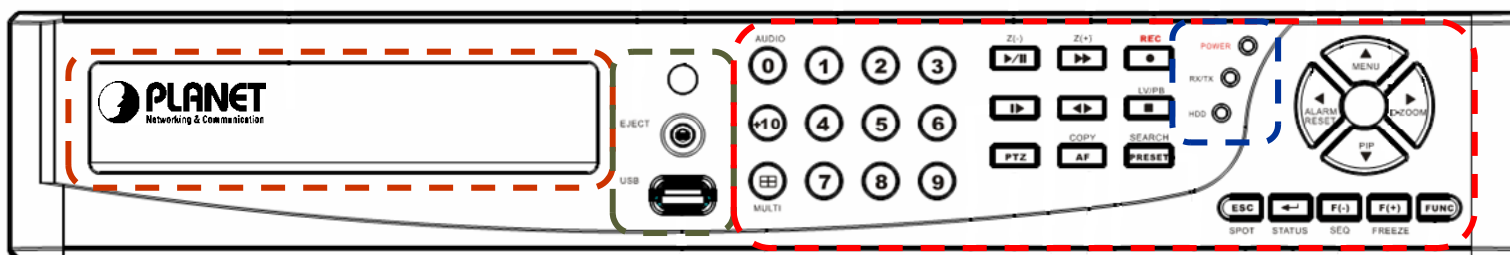
www.neteon.net



- **Product Overview**
- Product Features
- **Product Application**
- Management
- **Product Comparison**



- **Front Panel of DVR-471 / DVR-1671**



Cover of DVD writer

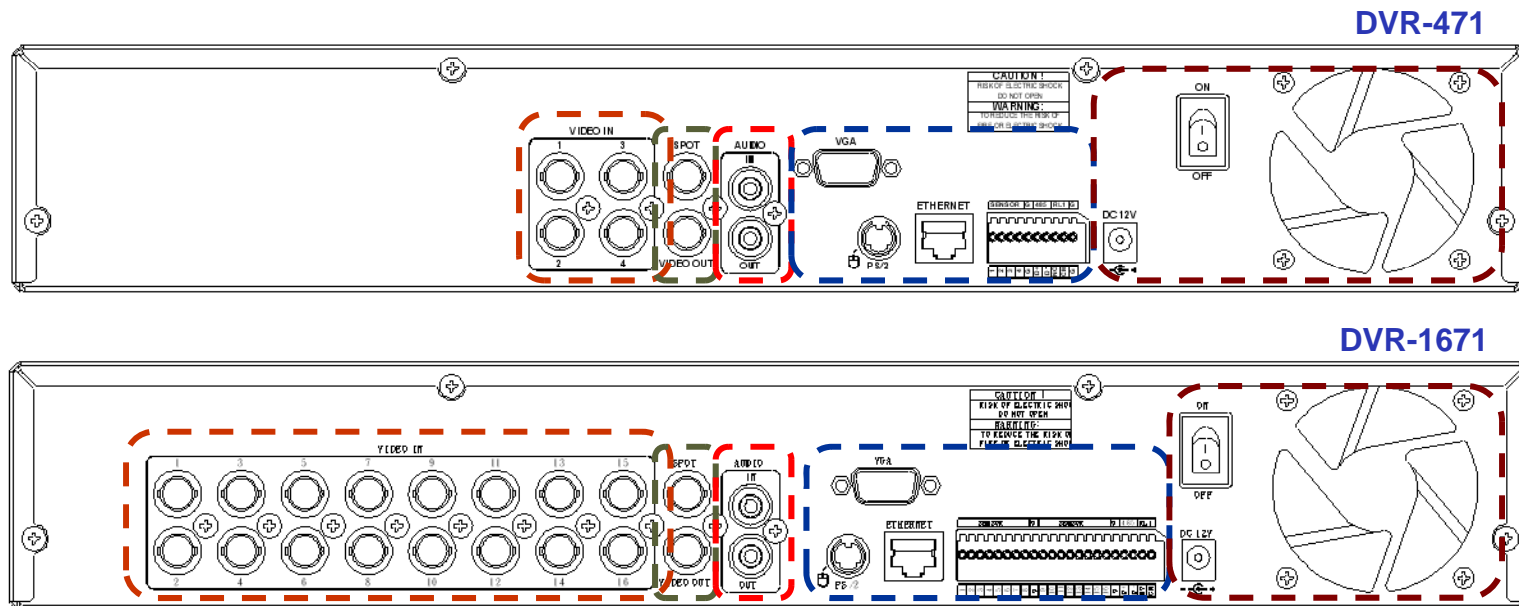
Control Buttons

- IR receiver
- Eject of DVD writer
- USB 2.0 interface

Status LED

- Power
- TX / RX
- HDD

- Rear Panel of DVR-471 / DVR-1671



Video In

- Audio In

- Power Input

- Audio Out

- VGA

- Power Switch

- SPOT

- PS/2

- System Fan

- Video Out

- Ethernet

- DIDO / RS-485

- **DVR-471 / DVR-1671**

Dimension

- 430 x 360 x 70 mm (W x D x H)

Weight

- 2.83 kg (DVR-471)
- 3.75 kg (DVR-1671)

Operating Temp. / Humidity

- 0 ~ 50 degree C / 10 ~ 90%

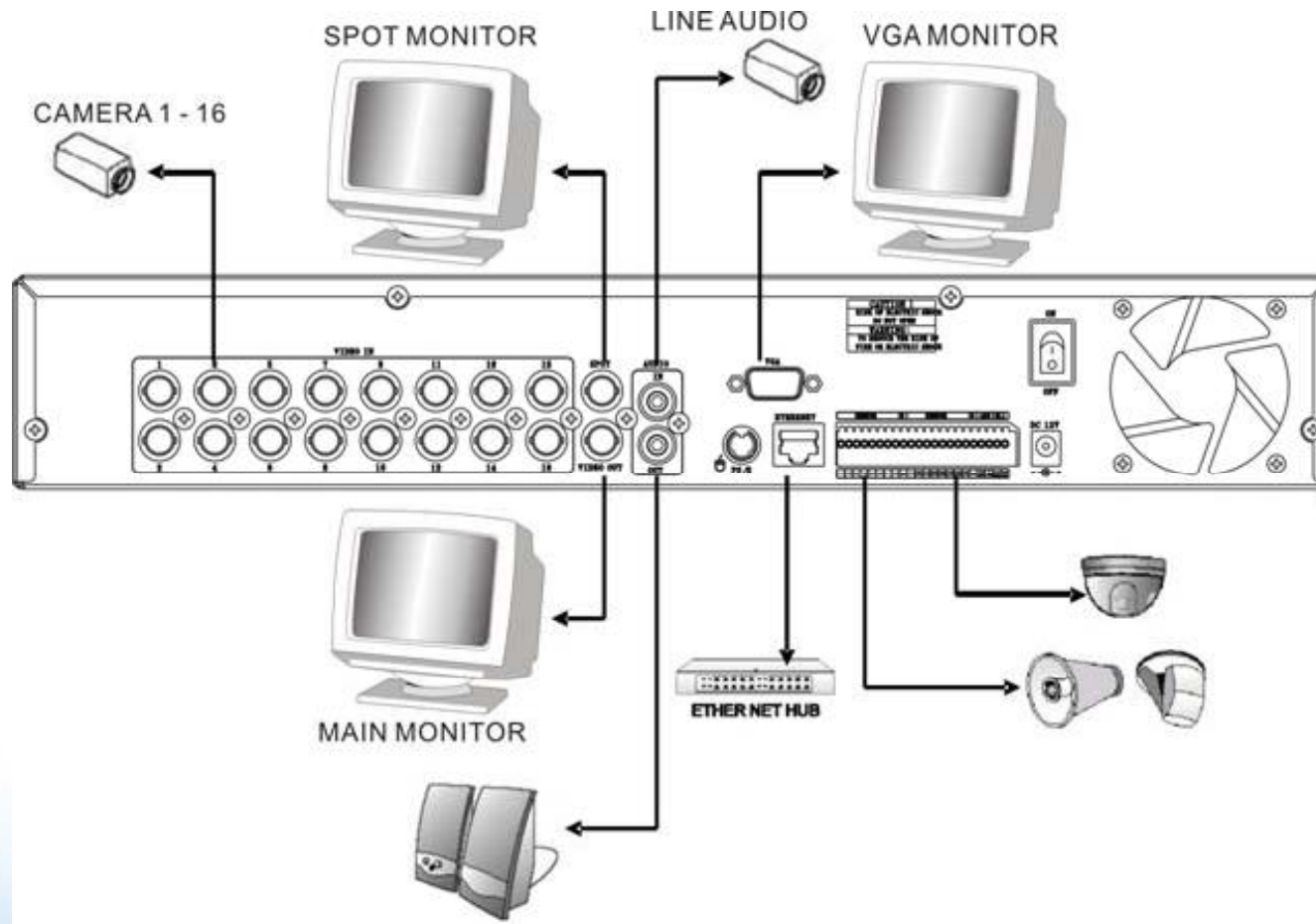
Power

- External Power Adapter 12V DC, 6.6A

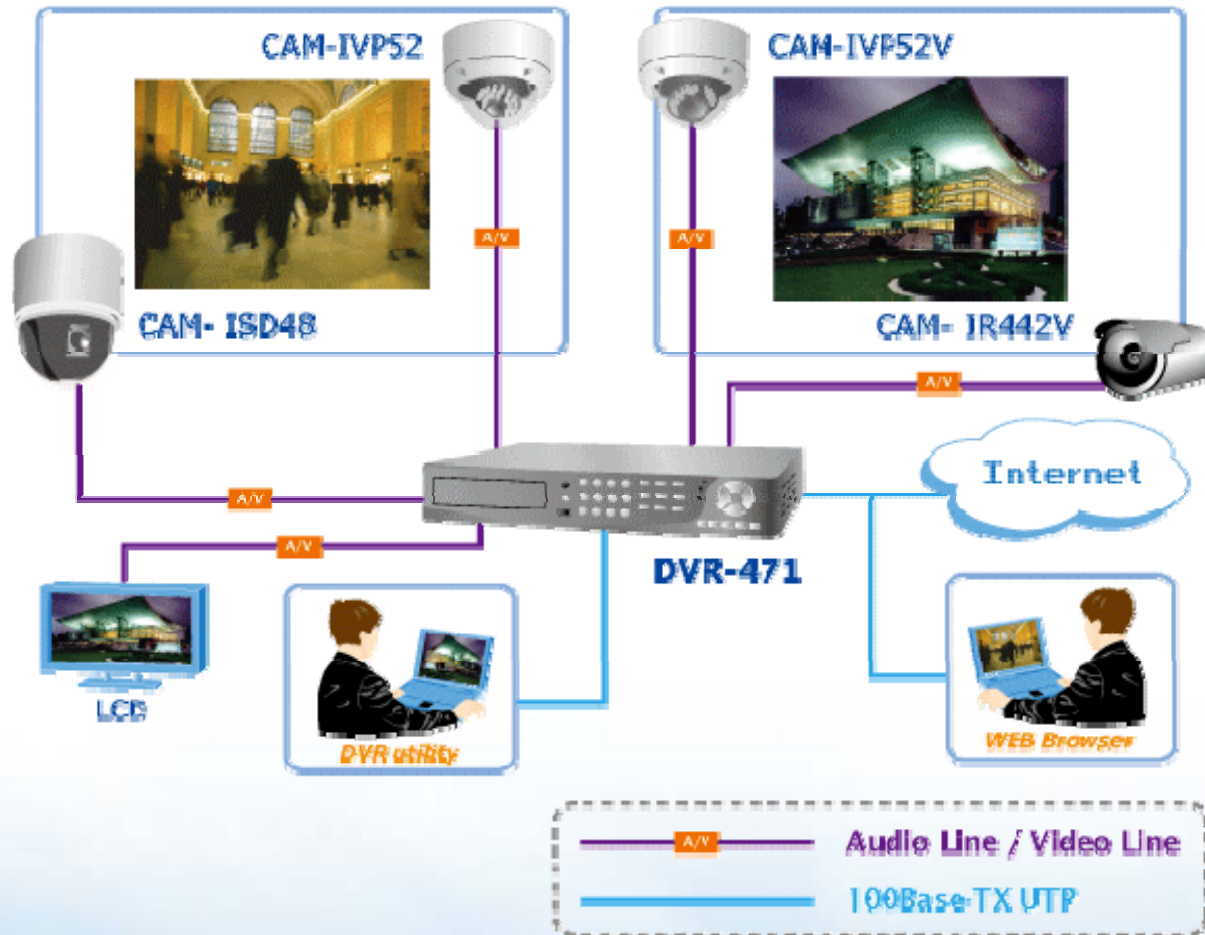
- **H.264** compression for DVR recording and web transmission
- Control panel, remote controller and **PS/2 mouse** control
- Supports manual / event / schedule recording
- Remote view and manage through client **software** and **IE browser**
- Supports TCP/IP, DHCP, DDNS, SMTP, HTTP network protocol
- System auto recovery after power reconnected
- Supports **multi-language** OSD (English, French, German, Italian, Polish, Portuguese, Russian, Spanish, Turkish, Traditional Chinese)

- Live display, record, backup, playback and network access as the same time
- Motion detection with area selecting and sensitivity adjusting by each camera
- Provides **VGA** output connector
- E-mail notification
- DVD writer (optional) and USB device backup

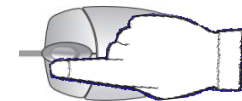
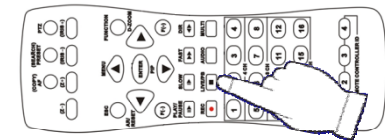
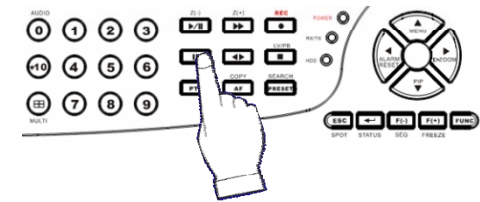
- **Total connection layout**



- Remote monitoring applications



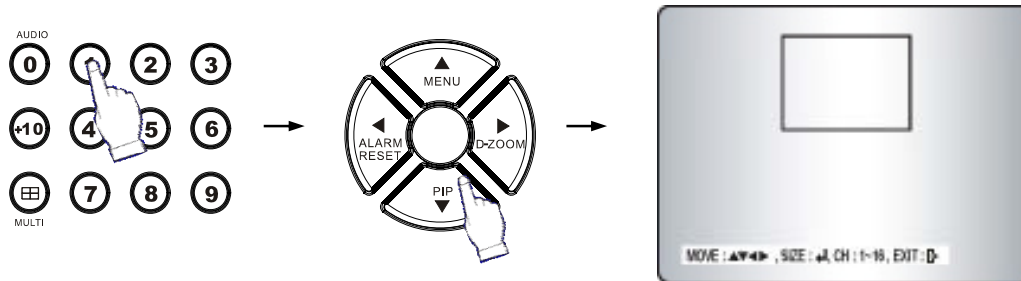
- On Screen Display



Main menu:

Quick, Screen, Record, Event, System, Link, Search, Copy
Status, Exit

- **PIP Mode**



Select a main channel

Enable the PIP mode

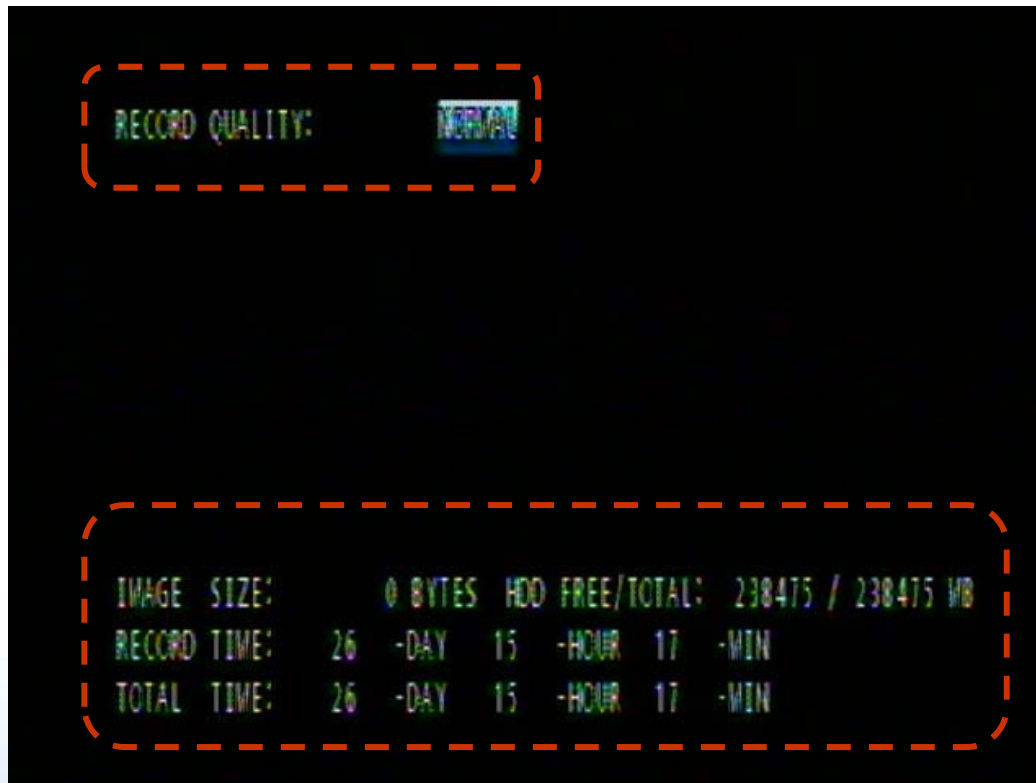
PIP function:

The position of PIP screen is moveable, the size is changeable and the display channel is selectable.



● Preview Quality

After the DVR and cameras installed, DVR will calculate how long the installed HDD can record automatically. You can see the size of image quality and how long you can record in the installed HDD.



Select the Record Quality

- Fine
- Normal
- Low

It will show you:

- Image Size
- HDD Free Space
- Record Time
- Total Time

- IE browser view

The screenshot displays the Neteon web management interface in Internet Explorer. At the top, there are input fields for 'IP Address / Port' (set to 5400) and 'MAC Address' (00304F205CD0), along with a 'Use IP server' checkbox. A 'DVR Search' button is highlighted with a red dashed box. Below these fields is a large black video player area. At the bottom of the player, there are playback controls including a progress bar, 'LIVE' and 'PLAY' buttons (the latter is highlighted with a red dashed box), and a '0 fps' indicator.

Two search dialog boxes are overlaid on the interface:

- Calendar Search:** Shows a calendar for September 2008. The dates 25 and 26 are highlighted in yellow. Below the calendar is a time selection bar with 'Search Time : 2008/09/25 15:00:00' and 'Play' and 'Cancel' buttons.
- DVR Search:** A table with the following data:

No	Dvr Name	IP Address	MAC Address
1	192.168.0.48	192.168.0.48	00:30:4F:20:5C:D0

Buttons for 'Search', 'Select', and 'Cancel' are at the bottom.

- DVR Viewer**



Main Options:
DVR List / Search
File / HDD Search
Arrange Windows
Viewer Option

Up to 16 channels

Numeric Buttons
Multi Windows
Sequence Mode

Function Buttons:
DVR Controller
PTZ Controller
Setup Menu
DVR Status
Snapshot
Audio I/O

Channel ; Space Info / Live View / Playback

Product Comparison – 4-ch

ACTIVATING IP POWER

Model	DVR-471	DVR-470
Features		
Video Compression	H.264	H.264
Video Input	4x BNC	4x BNC
Video Output	1x BNC 1x VGA (800x600)	1x BNC 1x VGA (1024x768)
Loop	No	Yes
SPOT	Yes	No
Video System	NTSC / PAL	NTSC / PAL
Audio Input	1x RCA	4x RCA
Audio Output	1x RCA	1x RCA
Hard Disk	2x SATA	4x IDE
DVD Writer	Supported	Supported
USB Interface	1x USB 2.0	1x USB 1.1
Network Interface	1x RJ-45	1x RJ-45
RS-485	Yes	Yes
RS-232	No	Yes
Alarm I/O	Yes	Yes

Product Comparison – 4-ch

ACTIVATING IP POWER

Display Resolution	NT: 720x480 PA: 720x756	NT: 704x480 PA: 704x576
Recording Resolution	NT: 720x480 , 720x240, 360x240 PA: 720x576 , 720x288, 360x288	NT: 352x240, 176x120 PA: 352x288, 176x144
Max. Recording Frame	NT: 120 fps PA: 100 fps	NT: 120 fps PA: 100 fps
Recording Mode	Manual, Schedule, Event	Manual, Schedule, Event
Audio compression	ADPCM	OggVorbis
Network Service	TCP/IP, HTTP, SMTP, DHCP, DDNS	TCP/IP, HTTP, PPPoE
Digital Watermark Proof	Yes	No
Digital Zoom	Yes	Yes
Client	Browser, Software	Browser, Software
OSD Control	Panel, Remote controller, PS/2 mouse	Panel, Remote controller
Video Format convert	Yes (To AVI)	No
E-Mail alarm	Yes	No
Backup Dist.	DVD writer, USB devices, Client software PC	DVD writer, USB devices, Client software PC
Area Mask	No	Yes
PIP	Yes	No
Multi-language	Yes, 10 Languages	No
Firmware Upgrade	USB, Network	USB, Network

Product Comparison – 16-ch

ACTIVATING IP POWER

Model	DVR-1671	DVR-1670
Features		
Video Compression	H.264	H.264
Video Input	16x BNC	16x BNC
Video Output	1x BNC 1x VGA (800x600)	1x BNC 1x VGA (1024x768)
Loop	No	Yes
SPOT	Yes	No
Video System	NTSC / PAL	NTSC / PAL
Audio Input	1x RCA	4x RCA
Audio Output	1x RCA	1x RCA
Hard Disk	2x SATA	4x IDE
DVD Writer	Supported	Supported
USB Interface	1x USB 2.0	1x USB 1.1
Network Interface	1x RJ-45	1x RJ-45
RS-485	Yes	Yes
RS-232	No	Yes
Alarm I/O	Yes	Yes

Product Comparison – 16-ch

ACTIVATING IP POWER

Display Resolution	NT: 720x480 PA: 720x756	NT: 704x480 PA: 704x576
Recording Resolution	NT: 720x480 , 720x240, 360x240 PA: 720x576 , 720x288, 360x288	NT: 352x240, 176x120 PA: 352x288, 176x144
Max. Recording Frame	NT: 240fps PA: 200fps	NT: 240 fps PA: 200 fps
Recording Mode	Manual, Schedule, Event	Manual, Schedule, Event
Audio compression	ADPCM	OggVorbis
Network Service	TCP/IP, HTTP, SMTP, DHCP, DDNS	TCP/IP, HTTP, PPPoE
Digital Watermark Proof	Yes	No
Digital Zoom	Yes	Yes
Client	Browser, Software	Browser, Software
OSD Control	Panel, Remote controller, PS/2 mouse	Panel, Remote controller
Video Format convert	Yes (To AVI)	No
E-Mail alarm	Yes	No
Backup Dist.	DVD writer, USB devices, Client software PC	DVD writer, USB devices, Client software PC
Area Mask	No	Yes
PIP	Yes	No
Multi-language	Yes, 10 Languages	No
Firmware Upgrade	USB, Network	USB, Network

ACTIVATING IP POWER

