

E-Series

Basic Setup/ Operation Guide



V1. 7th Nov 2014

V2. 30th Jan 2015

Security Systems Business Division

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Panasonic

<NOTICE>

This document is supplementary to the operation manual.

Depending on the firmware version used for E-Series NVR or camera, the screens may differ from the actual screens.

<Hardware Setup of NVR>

HDD Installation

Display and Power Supply connection

<Startup Wizard on NVR>

SYSTEM Log in

General Setting

Network Setting

Camera Registration

Recording Schedule Setting

<Additional Settings on NVR>

Camera Encode Setting

(Camera Image Setting)

<Additional Settings on Camera>

Camera and PC LAN Connection

Camera NTSC Setting if required

Hardware Set up of NVR

HDD Installation



1. Loosen the screws of the upper cover and side panel.



2. Fix four screws in the HDD (Turn just three rounds).



3. Place the HDD in accordance with the four holes in the bottom.



4. Turn the device upside down and then turn the screws in firmly.



5. Fix the HDD firmly.



6. Connect the HDD cable and power cable.
Note: Be careful so that the cables are not in contact with the edge of the HDD.

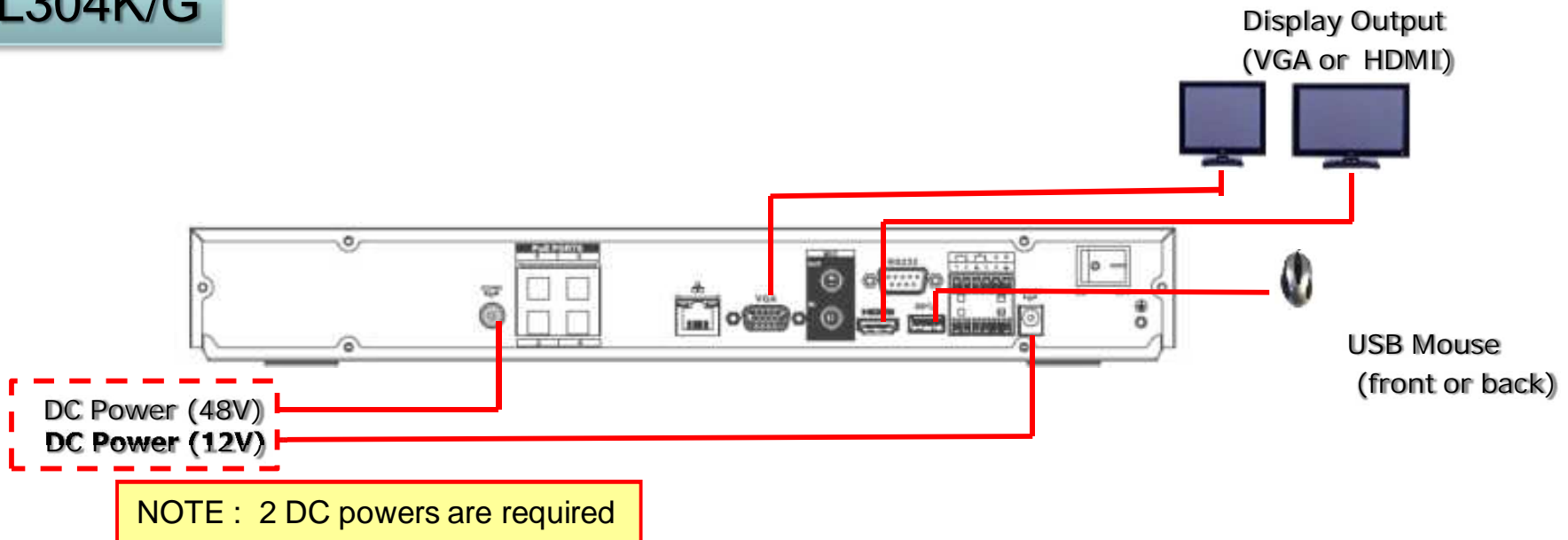


7. Put the cover in accordance with the clip and then place the upper cover back.

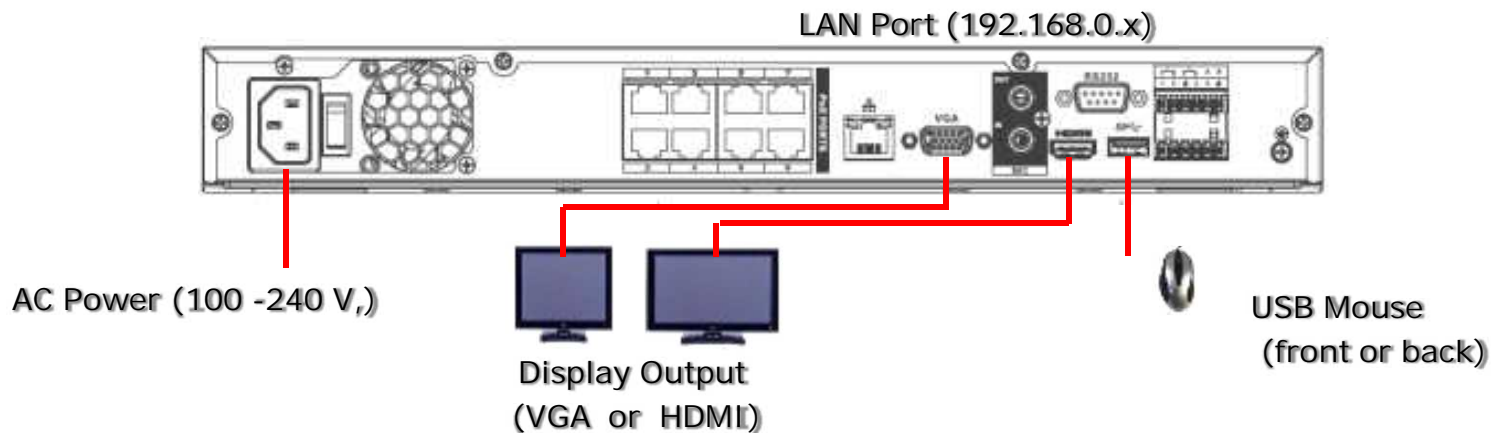


8. Secure the screws in the rear panel and the side panel.

K-NL304K/G



K-NL308K/G



Setup Wizard on NVR

Startup Wizard(1/3)



Uncheck the button,
the setup wizard is cancelled next time



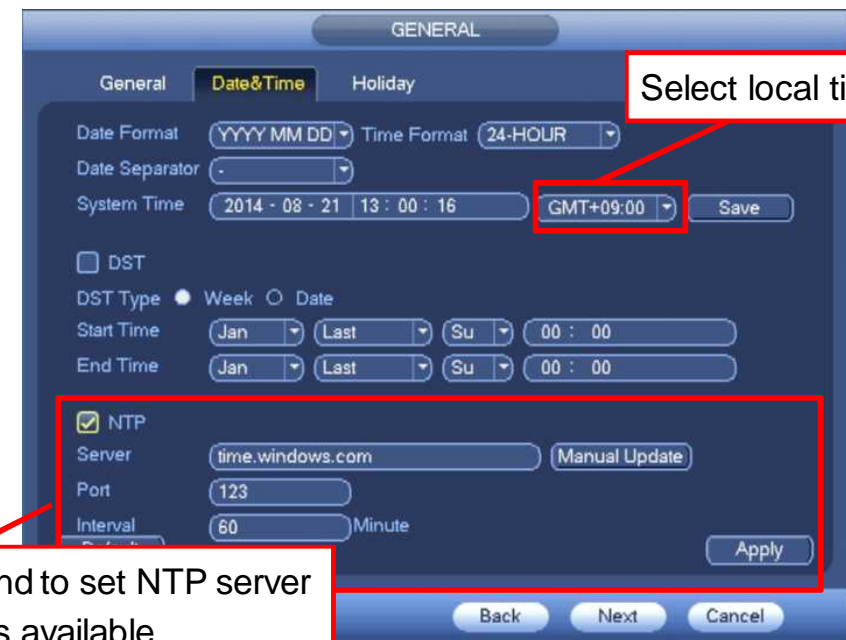
Password : 12345

General Setting



Change if necessary

General Setting / Date & Time



Select local time

Recommend to set NTP server
if internet is available

Startup Wizard(2/3)

Network Setting

NETWORK

MTU: 1500
 LAN Download

IP Version: IPv4

MAC Address: 90:02:A9:B9:5D:FD

IP Address: 192 . 168 . 1 . 250 DHCP
 Subnet Mask: 255 . 255 . 255 . 0
 Default Gateway: 192 . 168 . 1 . 1

Preferred DNS: 8 . 8 . 8 . 8
 Alternate DNS: 8 . 8 . 4 . 4

Buttons: Default, Back, Next, Cancel

Change if necessary

Camera Registration

REMOTE DEVICE

0	Modify	IP Address	Port	Device Name	MAC Address

Buttons: Device Search, Add, Display Filter (None)

Added Device

Channel	Modify	Delete	Status	IP Address	Port	Device Name

Buttons: Delete, Manual Add

Buttons: Back, Next, Cancel

<Step1>

Make sure you decide which camera to go to which channel.



<Step3>

"Device Search" and "Device Add" are executed automatically. Check channel # and Port# are same

REMOTE DEVICE

0	Modify	IP Address	Port	Device Name	MAC Address

Buttons: Device Search, Add

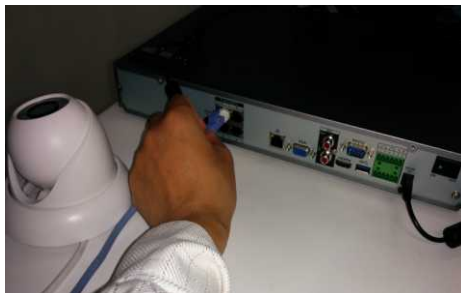
Added Device

Channel	Modify	Delete	Status	IP Address	Port	Device Name
1				10.1.1.65	Port 1	NGZ00622

Buttons: Delete, Manual Add

Buttons: Back, Next, Cancel

After CH1 camera registration, repeat step 2 & 3 for another cameras



<Step2>

Plug in the CH1 camera into the PoE port1 first

Schedule Setting



The screenshot shows the 'SCHEDULE' interface with the following details:

- Record / Snapshot tabs
- Channel: 1, PreRecord: 4, Redundancy, ANR: 3600
- Recording modes: Regular (checked), MD, Alarm, MD&Alarm
- A 24-hour grid for days of the week (All, Sun, Mon, Tue, Wed, Thu, Fri, Sat) showing 24/7 recording.
- Buttons: Default, Copy, Back, Finish

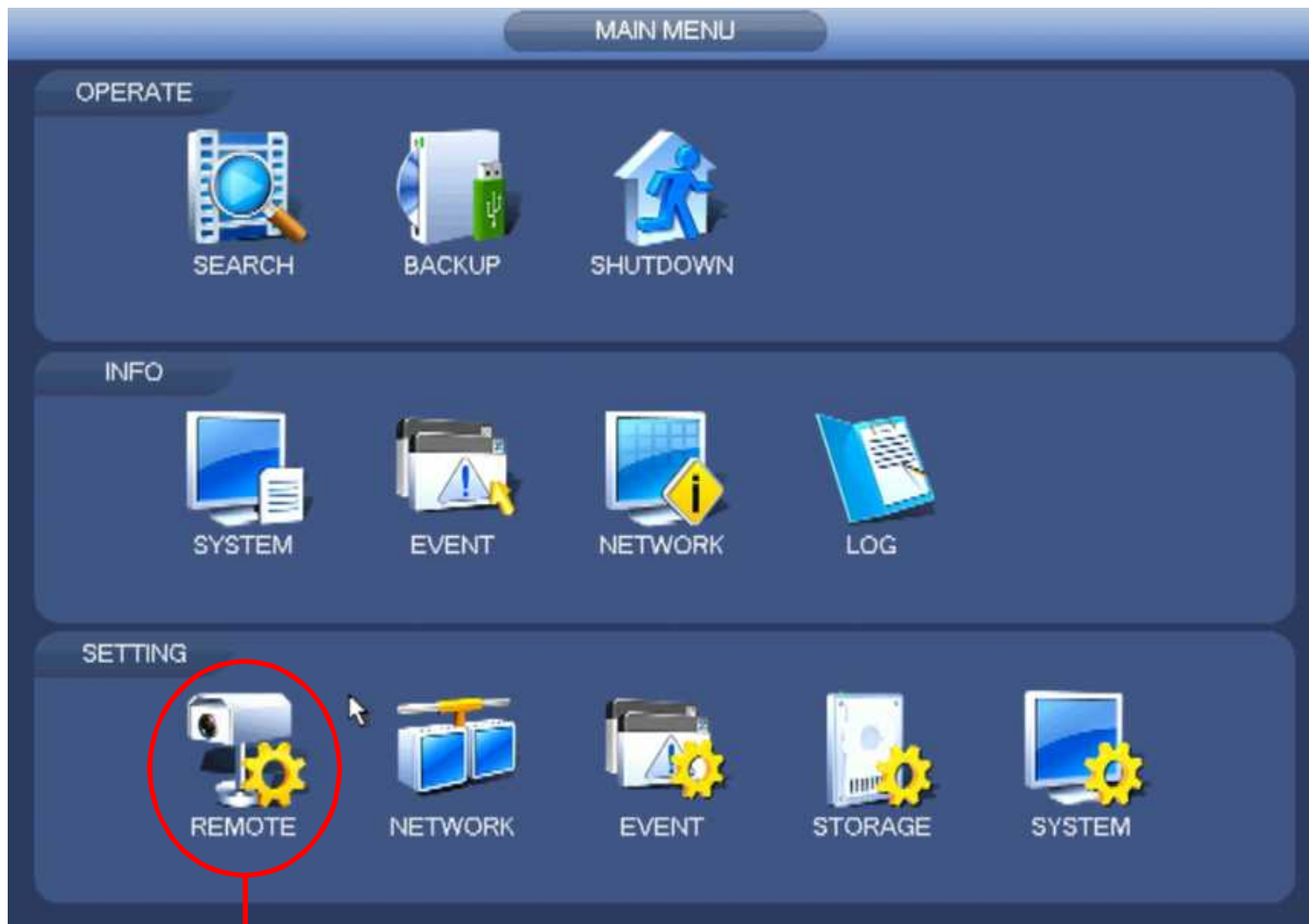
24/7 recording is set as default

End of Startup Wizard



The screenshot shows a 'Message' dialog box with the text 'Startup is finish.' and an 'OK' button.

Additional Setting on NVR/ Camera



Click here to start additional setting

Camera Encode Setting

SETTING

REMOTE NETWORK EVENT STORAGE SYSTEM

REMOTE
IMAGE
ENCODE
CAM NAME

Encode Snapshot Overlay

Channel	1	
Code-Stream Type	Regular	Sub Stream1
Compression	H.264	H.264
Resolution	1280x960(1.3)	704x576(D1)
Frame Rate(FPS)	10	25
Bit Rate Type	CBR	CBR
Bit Rate(Kb/S)	1536	1024
Audio/Video	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Copy Save Cancel Apply

CBR is recommended

Max 2M bps recommended

Change if necessary

Camera Image Setting

SETTING

REMOTE NETWORK EVENT STORAGE SYSTEM

REMOTE
IMAGE
ENCODE
CAM NAME

Channel 1 Configuration Day

Mirror Enable Disable

Flip No Flip

3D Denoise Enable Disable

Light Stop

Scene Mode Auto

Day & Night Auto

Saturation 50
Brightness 50
Contrast 50
Sharpness 50

Default Refresh Save Cancel Apply

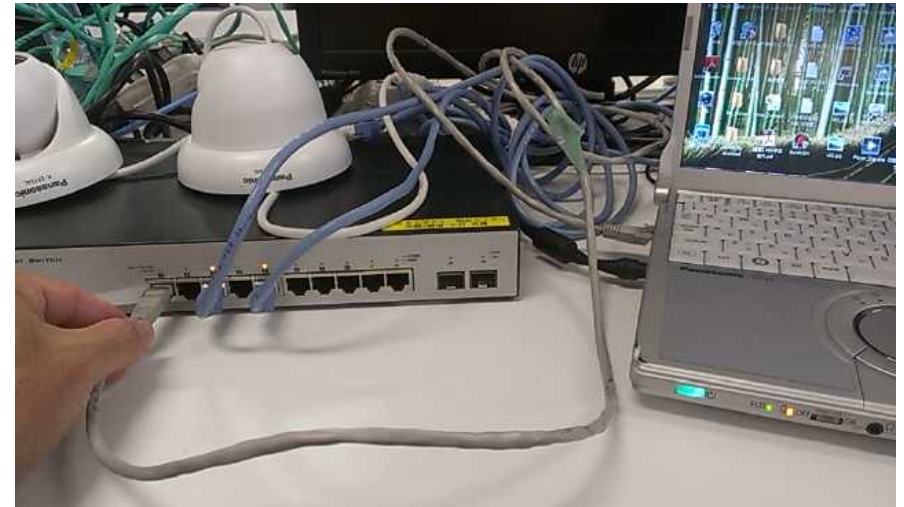
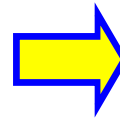
Video image adjustment

Change if you want to keep color mode during night time

Camera and PC LAN Connection



Pull out LAN cable connected to camera from PoE port

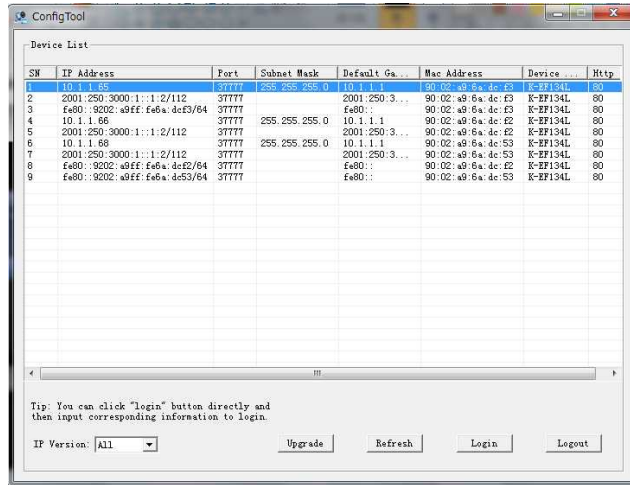


Connect the camera and PC to LAN switch.
(Require to configure IP address setting
"10.1. 1. x" for PC)

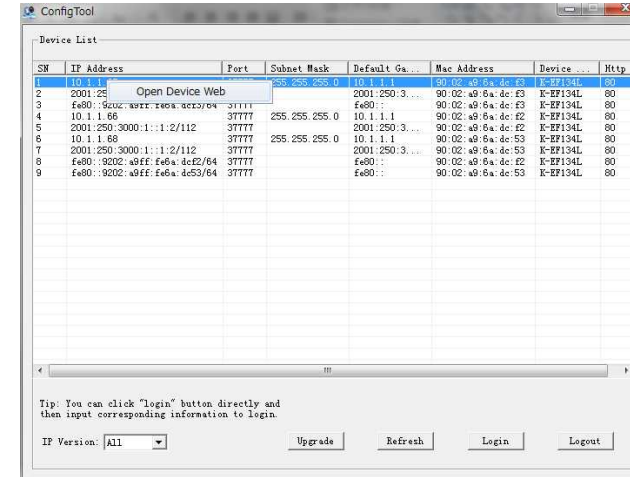
Camera Browser Access



Start Config. Tool



Right Click



The Camera is listed together with another devices
connected the same LAN switch

Right Click, then select "Open Device Web"



NTSC Setting if max 30fps is required

Network Camera
K-EW114L

Live Setup

Basic

Basic

Image

Network

Event

Storage

System

Information

Basic

Camera title NHZ06417

Date/time 2015 - 01 - 28 14 : 54 : 15 Sync PC

Time display format 24-Hour-based System

Data/Time display format Year-Month-Day

Summer time (daylight saving) Summer time type Date Week

Time zone GMT+08:00

Start time & date Jan 1 00 : 00 : 00

End time & date Jan 2 00 : 00 : 00

Camera title/Time on screen Overlay>>

Language English

Video Standard **NTSC**

NTP Setup

NTP Server clock.isc.org

NTP Port 123

Update Period 10 Minute (0~30)

Default Refresh Save

Select NTSC

If max 30 fps is required

- Factory Default is PAL
- PAL : Max fps is 25

Easy Operation

Camera Preview (Live View) Interface

The image shows a camera preview interface with a toolbar at the top. The toolbar contains several icons: a play button, a magnifying glass, a camera, a microphone, and a speech bubble. A red box labeled "Preview control interface" points to this toolbar. A white arrow points to the top of the screen with the text "Point cursor to upper side of the screen". A mouse icon is shown with a red arrow pointing to the toolbar. A context menu is open on the right side of the screen, listing options: View 1, View 4, View 8, View 9, PTZ, Auto Focus, IMAGE, Search, Manual, Remote Device, and Main Menu. A red box labeled "Shortcut Menu" points to the context menu. A yellow line points from the "Search" option to the text "Playback and Search Mode".

Real time Playback button : latest time playback

Digital Zoom button

Manual Record button : record on USB memory

Snapshot button

Preview control interface

Point cursor to upper side of the screen

Right Click!

Shortcut Menu

Playback and Search Mode

Playback and Search Interface

Video / Snapshot selection for playback
 "Record" : Video select
 "PIC" : Snapshot select

Calendar for playback
 (Blue Highlighted date)
 There is recorded data
 (Yellow colored date)
 Currently selected for playback

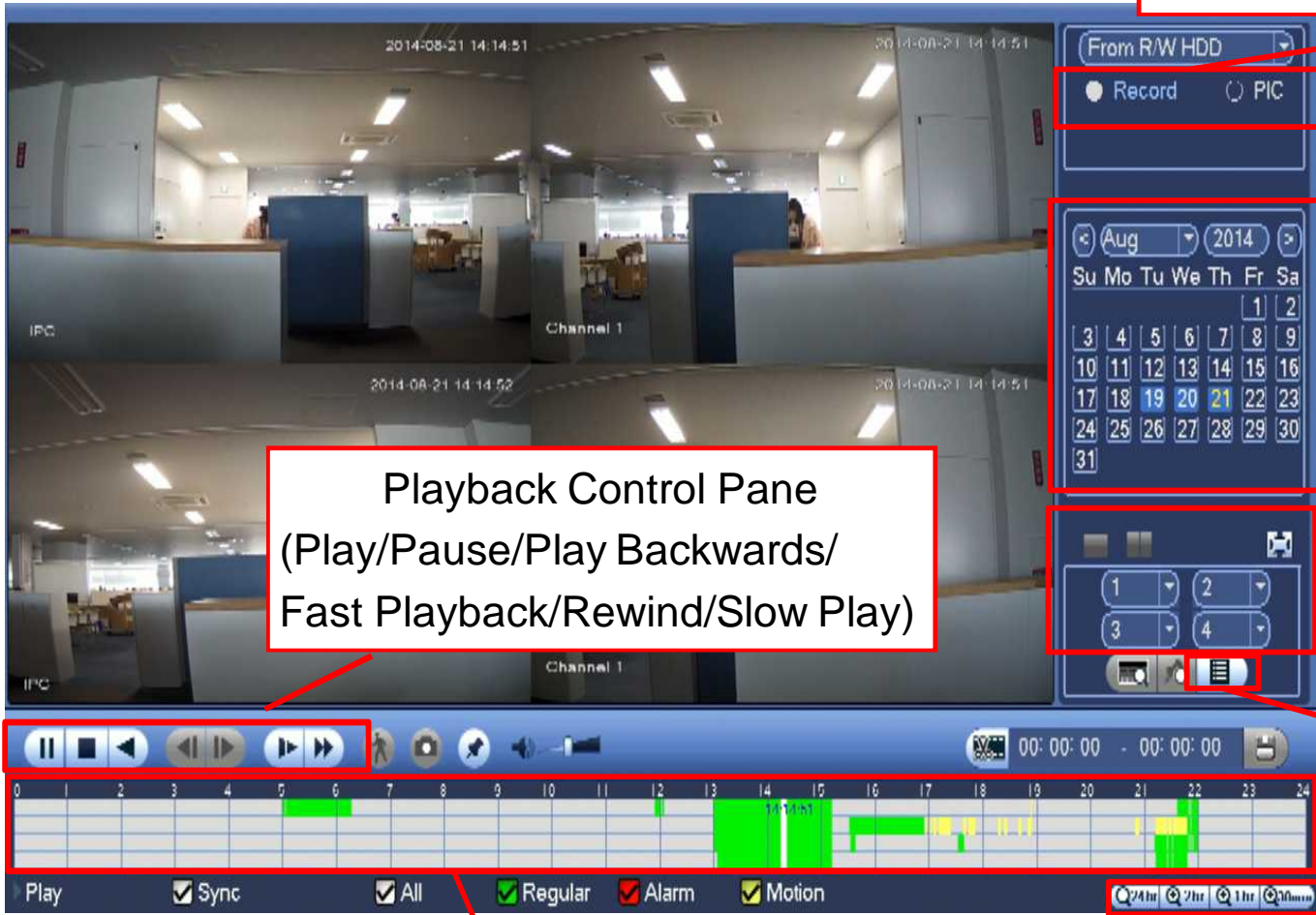
Playback Control Pane
 (Play/Pause/Play Backwards/
 Fast Playback/Rewind/Slow Play)

Window split mode(1/4/9)
 Playback channel selection

Display file list of the day

Time Line Bar

Can change scale of time line



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