HD Analog Recorder
Quick Start Guide

Model No.　CJ-HDR104B

CJ-HDR108B

Version 1.1.0

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Welcome

Thank you for purchasing our HD Analog Recorder (DVR)!

This quick start guide (hereinafter referred to be "the Guide") will help you become familiar with our DVR (hereinafter referred to be "the Device") in a very short time.

Before installation and operation, please read the following safeguard and warning carefully!

Visit https://security.panasonic.com/library/c-series/,
- to view the *User's Manual*,
- for DVR tools, and
- for Open Source Software (OSS) licenses and files.

Important Safeguards and Warnings

Operation Requirement
- Do not place or install the Device in a place exposed to sunlight or near the heat source.
- Keep the Device away from dampness, dust or soot.
- Keep the Device installed horizontally on the stable place to prevent it from falling.
- Wall-mounting is not supported.
- Do not drop or splash liquid onto the Device, and make sure there is no object filled with liquid on the Device to prevent liquid from flowing into the Device.
- Install the Device in a well-ventilated place, and do not block the ventilation of the Device.
- Operate the Device within the rated range of power input and output.
- Do not dissemble the Device.
- Transport, use and store the Device under the allowed humidity and temperature conditions.

Electrical Safety
- Use the battery of specified manufacturer; otherwise there might result in explosion. When replacing battery, make sure the same type is used. Improper battery use might result in fire or explosion.
- Follow the instructions to dispose of the used battery.
- Use the recommended power cables in the region and conform to the rated power specification.
- Use the power adapter provided with the Device; otherwise, it might result in people injury and device damage.
- The power source shall conform to the requirement of the Safety Extra Low Voltage (SELV) standard, and supply power with rated voltage which conforms to Limited power Source requirement according to IEC62368-1. Please note that the power supply requirement is subjected to the device label.
- Connect the device to the power socket with protective earthing.
- The appliance coupler is a disconnection device. When using the coupler, keep the angle for easy operation.

Safety Instructions

The following categorized signal words with defined meaning might appear in the Guide.

Signal Words	Meaning
CAUTION	Indicates a potential risk which, if not avoided, could result in property damage, data loss, lower performance, or unpredictable result.
NOTE	Provides additional information as the emphasis and supplement to the text.

Privacy Protection Notice

As the device user or data controller, you might collect personal data of others such as face, fingerprints, car plate number, email address, phone number, GPS and so on. You need to be in compliance with the local privacy protection laws and regulations to protect the legitimate rights and interests of other people by implementing measures include but not limited to: providing clear and visible identification to inform data subject the existence of surveillance area and providing related contact.

About the Guide

- The Guide is for reference only. If there is inconsistency between the Guide and the actual product, the actual product shall prevail.
- All pictured model is CJ-HDR104B, unless otherwise stated.
- We are not liable for any loss caused by the operations that do not comply with the Guide.
- The Guide would be updated according to the latest laws and regulations of related regions. For detailed information, see our official website.
- All the designs and software are subject to change without prior written notice. The product updates might cause some differences between the actual product and the Guide. Please contact the customer service for the latest program and supplementary documentation.
- There still might be deviation in technical data, functions and operations description, or errors in print. If there is any doubt or dispute, please refer to our final explanation.
- Upgrade the reader software or try other mainstream reader software if the Guide (in PDF format) cannot be opened.
- All trademarks, registered trademarks and the company names in the Guide are the properties of their respective owners.
- Please visit our website, contact the supplier or customer service if there is any problem occurred when using the device.
- If there is any uncertainty or controversy, please refer to our final explanation.

1 Quick Start

NOTE

The actual appearance or quantity might be different depending on the model you purchased.

1.1 Checking the Components

When you receive the Device, please check against the following checking list. If any of the items are missing or damaged, contact the local retailer or after-sales engineer immediately.

Sequence	Checking items		Requirement
1	Package	Appearance	No obvious damage.
		Packing materials	No broken or distorted positions that could be caused by hit.
2	Labels	Labels on the device	Not torn up. **NOTE** Do not tear up or throw away the labels; otherwise the warranty services are not ensured. You need to provide the serial number of the product when you call the after-sales service.
3	Device	Appearance	No obvious damage.
		Data cables, power cables, fan cables, mainboard	No loose connection.

1.2 Installing Hard Disk Drive (HDD)

NOTE

- Please use the recommended HDD from the manufacturer.
- Shut down the Device and unplug the power cable before opening the cover to replace the HDD.

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 at 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.

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.

Important

- You can connect the HDD data cable and the power cable first and then fix the HDD in the device.
- Please pay attention to the front cover. It adopts the vertical sliding design. You need to push the clip first and then put down.

1.3   Booting Up

CAUTION

Ensure the input voltage corresponds to the power requirement of the DVR.

1. Connect the Device to the monitor.
2. Plug in the power cable to the Device.
3. Press the power button to turn on the Device. The power indicator light is on.
   On the connected monitor, the live view screen is displayed by default.

1.4   Front Panel
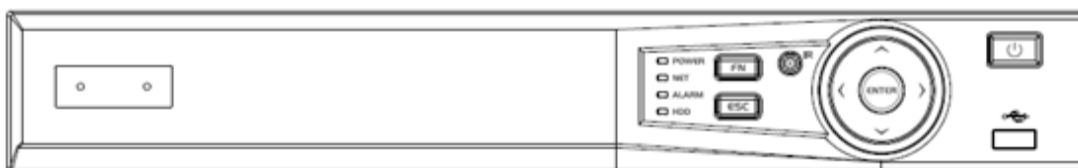
Figure 1-1

Name	Icon	Function
Power button	⏻	Press this button to boot up or shut down the device.
USB port (USB2.0)	⬱	Connects to the external devices such as keyboard, mouse, and USB storage device.
Up Down	▲/▼	• Activate current controls, and then move up, move down or jump. • Change setup, increase/decrease numeral. • Assistant function such as PTZ menu. • Switch channel when playback.
Left Right	◄/►	• Switch current activated controls. • When device is in 1-channel playback mode, use it to control playback control bar process.
Cancel	ESC	• Go to previous menu, or cancel current operation (Close the top interface or controls). • When playback, click it to restore real-time monitor mode.
Confirm	ENTER	• Confirm current operation. • Go to the menu.
Assistant	FN	• One-window monitor mode, click this button to display assistant function: PTZ control and image color. • In menu control interface click to switch PTZ control menu. • In motion detection setup, working with FN and direction keys to realize setup. • Backspace function: in numeral control or text control, press it to delete the previous character before the cursor. • Realize other special functions.
Power indicator	POWER	Light turns on when power connection is OK.
Network indicator	NET	Light turns on when network connection is abnormal.
Alarm indicator	ALARM	Light turns on when alarm occurs.
HDD indicator	HDD	HDD error occurs or HDD capacity is below specified threshold value or HDD being overwritten. The light turns on to alert you, please check HDD status at the GUI.

1.5   Rear Panel

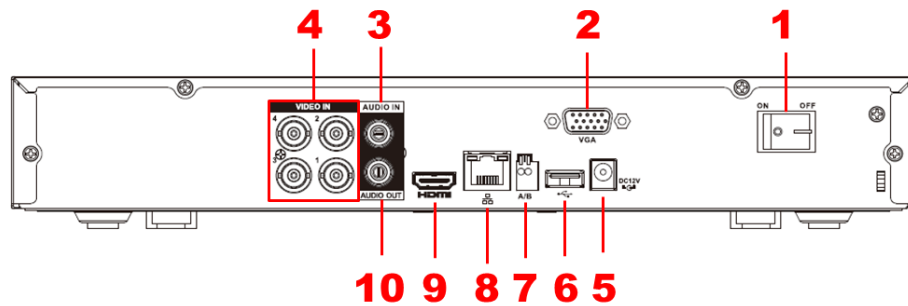The 4-channel series rear panel is shown as below. See Figure 1-2.

Figure 1-2

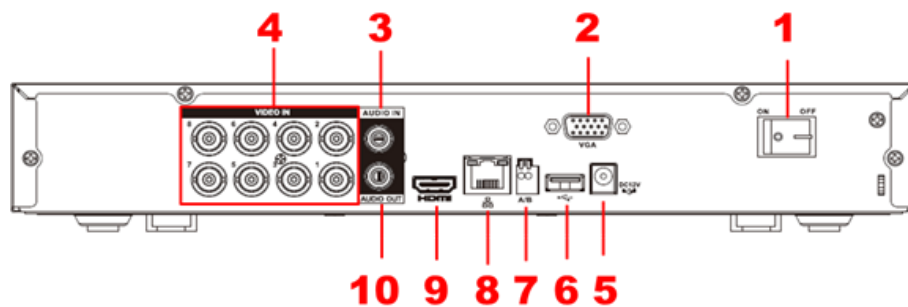The 8-channel series rear panel is shown as below. See Figure 1-3.

Figure 1-3

SN	Icon	Name	Note
1		Power on-off button	Turns on/off the DVR.
2	VGA	VGA port	Outputs analog video data to the connected display with VGA port.
3	AUDIO IN	Audio input port	Receives audio signal input from the devices such as microphone. It corresponds to video input port 1.
4	VIDEO IN	Video input port	Connects to analog camera to input video signal.
5	DC 12V	Power input port	Input 12V DC power.
6		USB port	Connects to external devices such as USB storage device, keyboard and mouse.
7	A/B	RS-485 communication port	Connects to the control devices such as speed dome PTZ. RS-485_A port is connected by the cable A and RS-485_B is connected to the cable B.
8		Network port	Connects to Ethernet port.
9	HDMI	High definition media interface	High definition audio and video signal output port. The port outputs the uncompressed high definition video and multi-channel audio data to the connected display with HDMI port.

| 10 | AUDIO OUT | Audio output port | Outputs audio signal to the devices such as the sound box. |

2   Local Configurations

NOTE
- The interfaces in the Guide are used for introducing the operations and only for reference. The actual interface might be different dependent on the model you purchased. If there is inconsistency between the Guide and the actual product, the actual product shall govern.
- For details about operations of the DVR, see *User's Manual*.
- To enter the Main Menu, right-click on the live view screen to display the shortcut menu, and then click **Main Menu** and login the system.

2.1   Initializing DVR

When booting up for the first time, the **Device Initialization** interface is displayed, see Figure 2-1. You need to configure the password information for the **admin** (by default). If needed, you can also configure the unlock pattern and password protection mode, see the table below.

NOTE
- The new password can be set from 8 characters through 32 characters and contains at least two types from number, letter and special characters (excluding "'", """, ";", ":" and "&"). Please enter a strong password according to the password strength bar indication.
- To secure your DVR, it is strongly recommended to properly keep the password for admin and modify it periodically.

Figure 2-1

Password Protection Mode	Description
Security Questions	Configure the security questions and answers. In case you forgot password, enter the answers to the questions to reset the password.
NOTE If you want to configure the security questions function later or you want to change the configurations, select **Main Menu** > **ACCOUNT** > **USER**.	

2.2   Configuring Recording Storage Schedule

Select **MAIN MENU** > **STORAGE** > **SCHEDULE** > **Record**, the **Record** interface is displayed, see Figure 2-2. The default setting is 24 hours recording for all channels. You can modify the settings if needed.
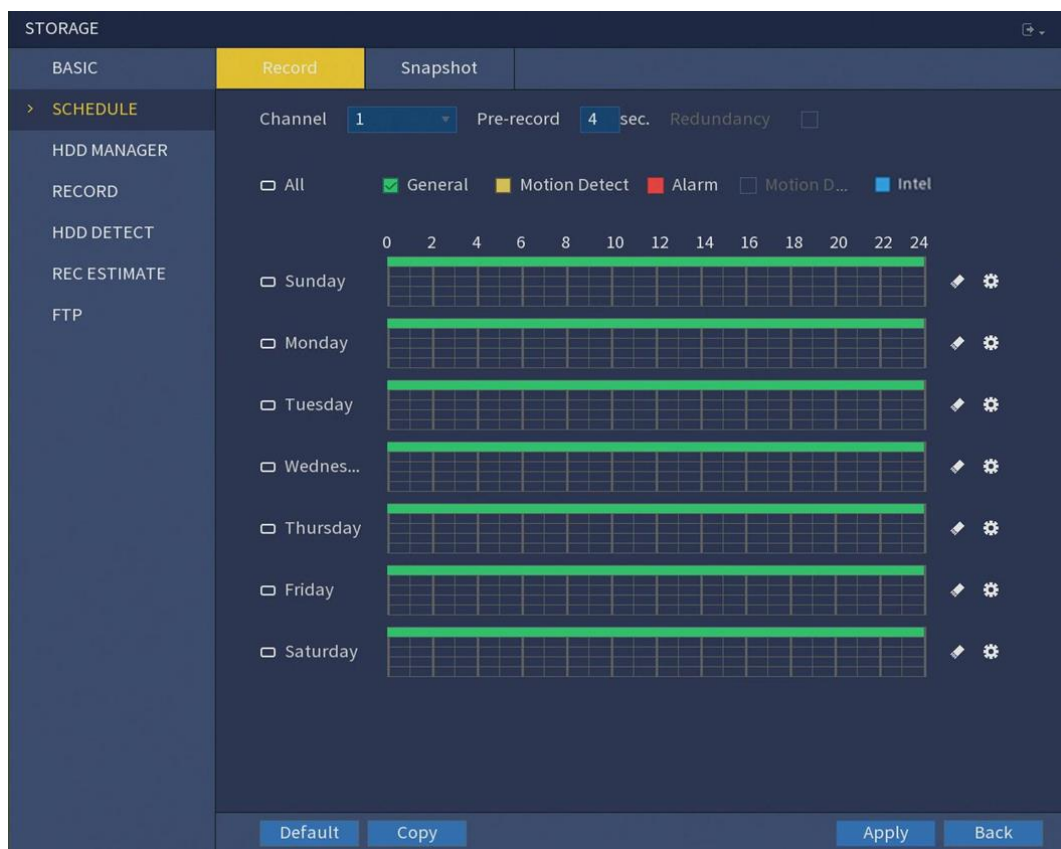

Figure 2-2

2.3   Playing Recorded Video

From **MAIN MENU** > **PLAYBACK**, the video search interface is displayed. See Figure 2-3. You can view, search and play back the recorded video.
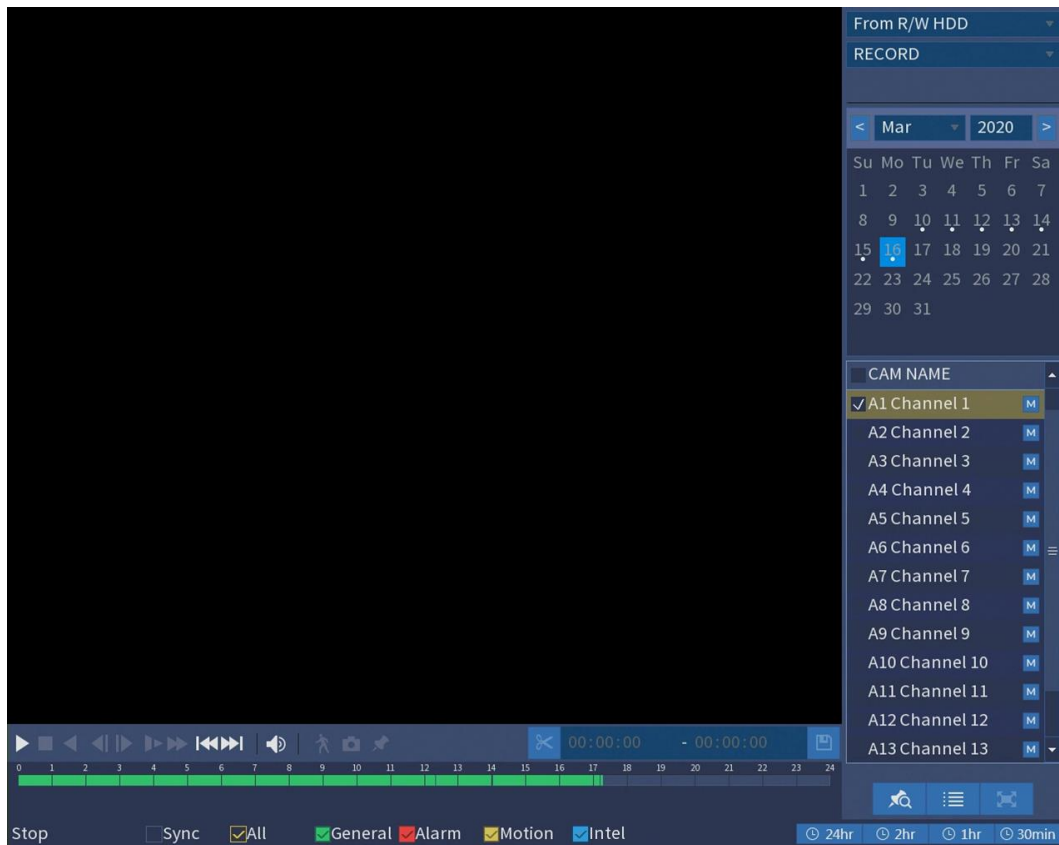
Figure 2-3

2.4 Logout

On the top right of the **MAIN MENU** interface or on any interface after you have entered the

MAIN MENU, click [icon].

- Select **Logout**, you will log out the DVR.
- Select **Reboot**, the DVR will be rebooted.
- Select **Shutdown**, the DVR will be turned off.

If you do not have shutdown authority, enter gesture or password first.

3 Web Login

Open the browser, enter the IP address of the Device, and then press **Enter** key. The **Login**
dialog box is displayed. See Figure 3-1. Properly enter the user name and password to login the
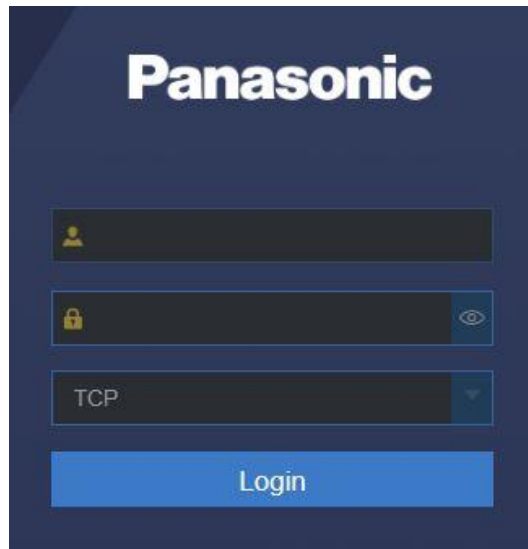web. For details, see *User's Manual*.

Figure 3-1

NOTE
- Device initialization is required at the first login.
- The default administrator account is **admin**. The password is the one that was configured during initializing the settings. To secure your account, it is recommended to keep the password properly and change it periodically.
- You can select the protocol type as **TCP**, **UDP** or **MULTICAST** depending on the networking structure. The default is **TCP**.
- When entering the **Live** interface for the first time, follow the onscreen instructions "Please install plugins first!" to install the plugins, if any.