

# DIGITAL VIDEO RECORDER

## Quick Start Guide

**V1.0.2**

## Welcome

Thank you for purchasing our Digital Video Recorder (DVR).

This Quick Start Guide (hereinafter referred to be "the Guide") will help you become familiar with our DVR in a short time. Please read the Guide carefully before starting using your DVR and properly keep it for future reference.

## 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 disassemble 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, explosion, or inflammation.
- 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 IEC60950-1. Please note that the power supply requirement is subject to the device label.
- Connect the device (I-type structure) 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 Manual is for reference only. If there is inconsistency between the Guide and the actual product, the actual product shall prevail.
- 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 the paper User's Manual, CD-ROM, QR code or our official website. If there is inconsistency between paper User's Manual and the electronic version, the electronic version shall prevail.
- 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.

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# 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 DVR, 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 calling the after-sales service.
3	Device	Appearance	No obvious damage.
		Data cables, power cables, fan cables, and mainboard	No loose connection.

## 1.2 Installing Hard Disk Drive (HDD)

Use the recommended HDD from the manufacturer, and use HDD of 7200rpm or higher. Do not use PC HDD.

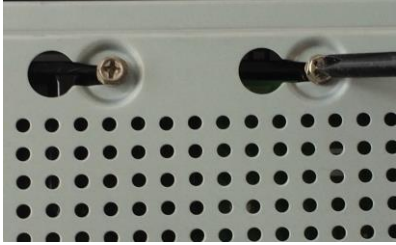


### CAUTION

Shut down the DVR and unplug the power cable before opening the cover to replace the HDD.



1. Remove the screws to take off the cover.
2. Fix the screws on the HDD but do not fasten them.
3. Put the HDD onto the DVR.



4. Turn the DVR to see the back side of it. Aim the screws of the HDD at the holes on the back of the DVR, and then fasten the screws.

 NOTE

- Before installing HDD, connect the HDD cable and the power cable first if needed.
- The front cover adopts flip design, to put the cover back, align the cover with the clip in the middle of Device frame, and then put it back.



5. Use the HDD cable and power cable to connect HDD and mainboard.



6. Put back the cover and fasten the screws.

# 2 The Grand Tour

## 2.1 Front Panel

Figure 2-1 Front panel

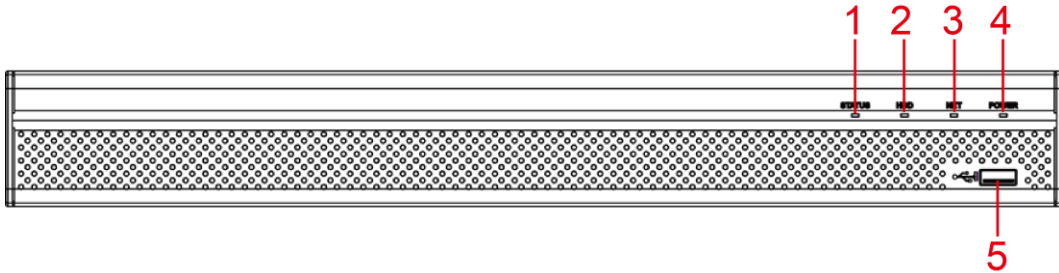


Table 2-1 Icons and port of front panel

No.	Name	Function
1	Status	Glows blue when the device is working properly.
2	HDD	Glows blue when HDD status is abnormal.
3	NET	Glows blue when network status is abnormal.
4	POWER	Glows blue when the power is connected properly.
5	USB port	Connects to the external devices such as keyboard, mouse, and USB storage device.

## 2.2 Rear Panel

The following figure shows the rear panel of model with 4 video input ports (as an example).

Figure 2-2 Rear panel

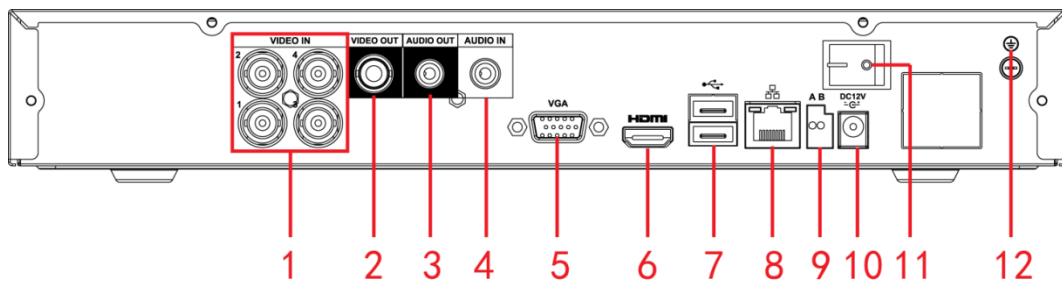


Table 2-2 Port description of rear panel

No.	Port Name	No.	Port Name	No.	Port Name
1	Video input port	5	VGA port	9	RS-485 communication port
2	Video output port	6	HDMI port	10	Power input port
3	Audio output port	7	USB port	11	Power button
4	Audio input port	8	Network port	12	Ground

# 3

## Local Configurations

### NOTE

- The interfaces in the Guide are used for introducing the operations and only for reference. 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.

### 3.1 Initializing DVR

When booting up for the first time, the **Device Initialization** interface is displayed, see Figure 3-1. 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 Table 3-1).

### 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 3-1 Device initialization

The screenshot shows the 'Device Initialization' screen with three steps: 1. Enter Password (highlighted), 2. Unlock Pattern, and 3. Password Protection. The 'Enter Password' step is active, showing a 'User' field with 'admin', a 'Password' field with a strength bar, a 'Confirm Password' field, and a 'Prompt Question' field. A 'Next' button is at the bottom right. A note below the password field states: 'Use a password that has 8 to 32 characters, it can be a combination of letter(s), number(s) and symbol(s) with at least two kinds of them. (please do not use special symbols like ' " ; : &)'

Table 3-1 Initialization parameter description

Password Protection Mode	Description
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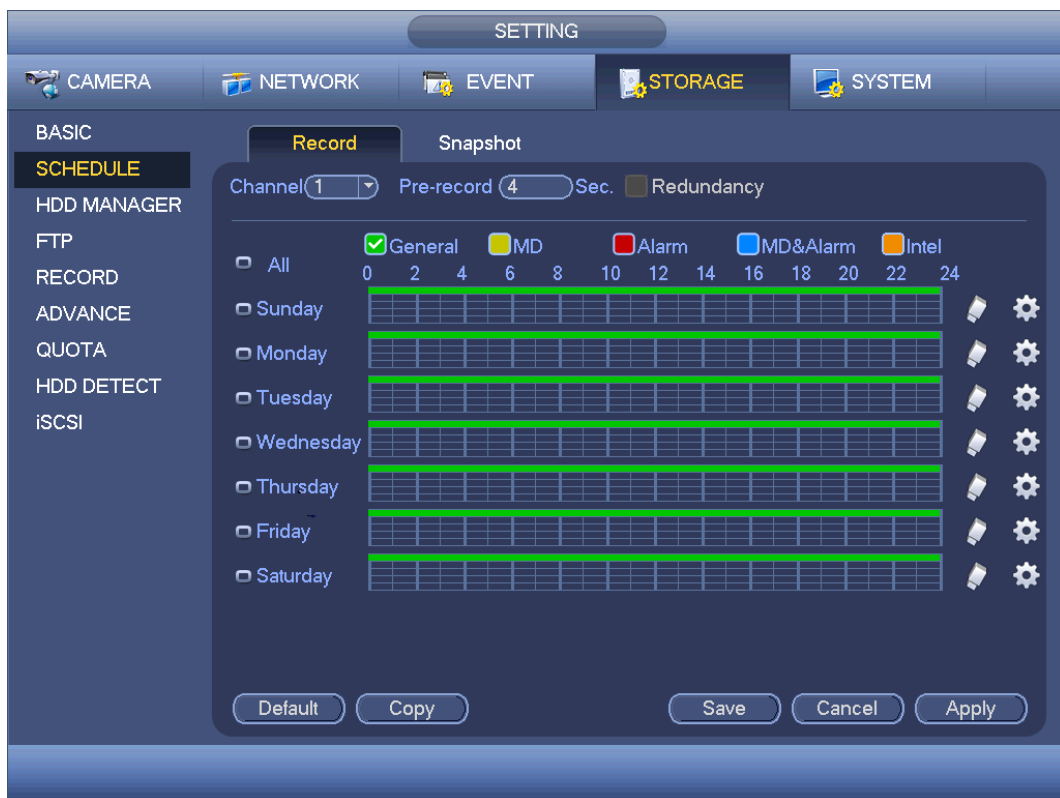
Password Protection Mode	Description
Email Address	In the <b>Email Address</b> box, enter an email address for password reset. In case you forget password, enter the security code that you will get from this reserved email address to reset the password of admin.
Security Questions	Configure the security questions and answers. In case you forget password, enter the answers to the questions can make you reset the password.
 <b>NOTE</b> If you want to configure the email or security questions function later or you want to change the configurations, select <b>Main Menu &gt; SETTING &gt; SYSTEM &gt; ACCOUNT</b> .	

### 3.2 Configuring Recording Storage Schedule

Select **Main Menu > SETTING > STORAGE > SCHEDULE > Record**, the **Record** interface is displayed, see Figure 3-2.

The default setting is 24 hours recording for all channels. You can modify the settings if needed.

Figure 3-2 Record storage configuration



### 3.3 Playing Recorded Video

Select **Main Menu > OPERATE > SEARCH**, the video search interface is displayed. See Figure 3-3. You can view, search, and play back the recorded video.

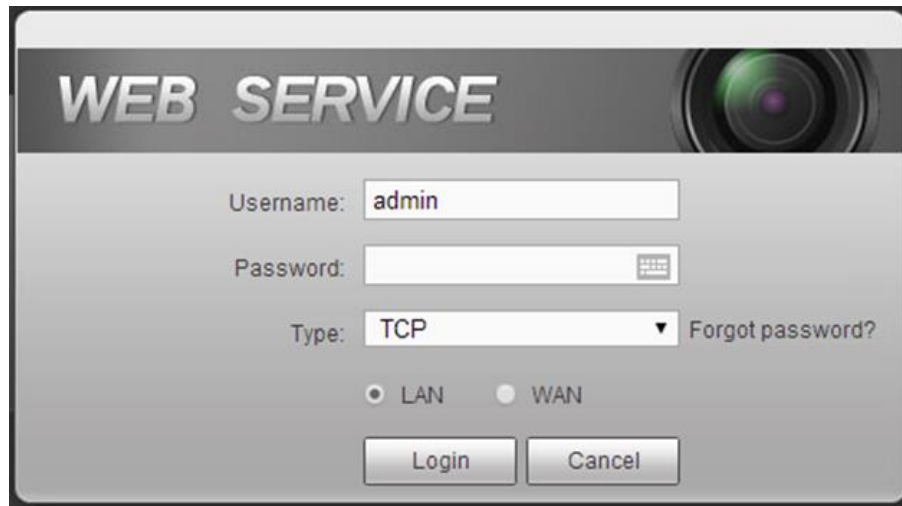
Figure 3-3 Recorded video



# 4 Web Login

Open the browser, enter the IP address of the DVR, and then press **Enter** key. The **Login in** dialog box is displayed. See Figure 4-1. Properly enter the user name and password to login the web. For details, see *User's Manual*.

Figure 4-1 Login



The screenshot shows a web service login dialog box. At the top, it says "WEB SERVICE" in a stylized font next to a camera lens icon. Below this, there are three input fields: "Username:" with the text "admin" entered, "Password:" with a password mask and a keyboard icon, and "Type:" with a dropdown menu showing "TCP". To the right of the "Type:" dropdown is a link that says "Forgot password?". Below these fields are two radio buttons labeled "LAN" and "WAN". At the bottom of the dialog are two buttons: "Login" and "Cancel".

 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 settings. To security 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**.
- If you forget the password, click **Forgot password?** to reset the password.
- When logging the web for the first time, follow the onscreen instructions to install the plugins.