

Digital Video Recorders Quick Guide

V2.00

1 Packing List

Contact your local dealer if the package is damaged or incomplete. The package contents may vary with device model.

No.	Name	Qty	Unit
1	DVR	1	PCS
2*	Power adapter	1	PCS
3	Screws	1	Set
4*	Mouse	1	PCS
5*	HDD data cable ⁽¹⁾	1 or 2	PCS
6*	HDD power cable ⁽²⁾	1 or 2	PCS
7	Product documents	1	Set

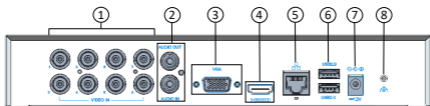
Remarks:

* means optional and supplied with certain models only.

(1) Each HDD is supplied with one data cable.

(2) Each HDD is supplied with one power cable.

2 Interfaces



Interface	Description	Interface	Description
①	Video input	②	Audio input/output
③	VGA output	④	HDMI output
⑤	Network	⑥	USB
⑦	12V DC power	⑧	Grounding

3 Disk Installation

The illustrations are for reference only. The actual device may vary.

3.1 Preparation

- Prepare a 1# or 2# Philips screwdriver, a pair of antistatic gloves or a wrist strap.

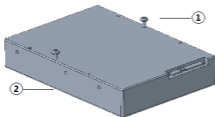
- Disconnect power before installation.

3.2 Installation

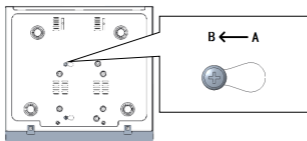
1. Loosen the four screws on the side panels, and remove the upper cover.



2. Insert the screws (e.g., ①) into the disk (②) and tighten halfway.



3. Slide the screws in the holes on the chassis bottom from A to B as illustrated and then tighten. Tighten two other screws to fasten the hard disk.



4. Connect the power and data cables.
5. Put the cover back in place and tighten the screws.

4 Startup and Shutdown

Check that the cables are connected correctly, the device is grounded properly, and the power supply meets requirements.

4.1 Startup

Connect the device to power to start up the device.

4.2 Shutdown

Go to the live view page, right-click, and then choose **Shutdown** in the shortcut menu.

CAUTION

Do not disconnect power when the device is operating or shutting down.

5 Local Operations

5.1 Add Camera

5.1.1 Add Analog Camera

Connect BNC connectors of a coaxial cable to the camera and the device.



NOTE!

You need to prepare a coaxial cable before you begin.

5.1.2 Add IP Camera

1. (Optional) Change Camera Type

The camera type of certain channels is **Analog** by default. To connect more IP cameras, you need to change the camera type.


- (1) Right-click in the live view page, click **Menu > Camera > Camera**.
- (2) Change the camera type of intended channels to **Digital**.



NOTE!


- Make sure the IP camera to add is connected to the network.
- When the camera type is set to **Digital**, an analog camera cannot be connected.

2. Add Camera

- (1) Right-click in the live view page, click **Menu > Camera > Camera**.
- (2) Click **Add Manually**, enter the IP address and other required information.
- (3) Check camera status .
 - If the icon is highlighted, it means the camera is online.
 - If the icon is grayed out, point to the icon to view failure information. Click the edit button to modify device information.



NOTE!

- You can also click  to add a device.
- To search for devices in a specified network segment, click **Search Segment**.

6 Recording and Playback

6.1 Recording

A 24/7 recording schedule is enabled by default. To modify the recording schedule, go to **Menu > Storage > Recording**, and then set the recording type and time as needed.

6.2 Playback

In the live view page, right-click a preview window and select **Playback** to play the recording of the current day.



NOTE!

- If you choose the **Event** recording type, you need to enable the corresponding alarm function and configure alarm-triggered recording first.
- When recording schedule is enabled, the device still records even when no analog camera is connected.

7 Web Login

Before you begin, check that your PC is connected to your DVR through network.

1. Open the browser on your PC, enter the IP address(default is **192.168.1.30**) in the address bar, then press **Enter**.



NOTE!

You may need to install the plugin at your first login. Close all the web browsers before the installation starts.

2. In the login page, enter the username(admin) and password(**123456**), then click **Login**.

Disclaimer and Safety Warnings

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- This manual is intended for multiple product models, and the photos, illustrations, descriptions, etc. in this manual may be different from the actual appearances, functions, features, etc. of the product.
- This manual is intended for multiple software versions, and the illustrations and descriptions in this manual may be different from the actual GUI and functions of the software.
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EU Authorised Representative

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Network Security

Please take all necessary measures to enhance network security for your device.

The following are necessary measures for the network security of your device:

- **Change default password and set strong password:** You are strongly recommended to change the default password after your first login and set a strong password of at least nine characters including all three elements: digits, letters and special characters.
- **Keep firmware up to date:** It is recommended that your device is always upgraded to the latest version for the latest functions and better security. Visit our official website or contact your local dealer for the latest firmware.

The following are recommendations for enhancing network security of your device:

- **Change password regularly:** Change your device password on a regular basis and keep the password safe. Make sure only the authorized user can log in to the device.

- Enable HTTPS/SSL: Use SSL certificate to encrypt HTTP communications and ensure data security.
- Enable IP address filtering: Allow access only from the specified IP addresses.
- Minimum port mapping: Configure your router or firewall to open a minimum set of ports to the WAN and keep only the necessary port mappings. Never set the device as the DMZ host or configure a full cone NAT.
- Disable the automatic login and save password features: If multiple users have access to your computer, it is recommended that you disable these features to prevent unauthorized access.
- Choose username and password discretely: Avoid using the username and password of your social media, bank, email account, etc, as the username and password of your device, in case your social media, bank and email account information is leaked.
- Restrict user permissions: If more than one user needs access to your system, make sure each user is granted only the necessary permissions.
- Disable UPnP: When UPnP is enabled, the router will automatically map internal ports, and the system will automatically forward port data, which results in the risks of data leakage. Therefore, it is recommended to disable UPnP if HTTP and TCP port mapping have been enabled manually on your router.
- SNMP: Disable SNMP if you do not use it. If you do use it, then SNMPv3 is recommended.
- Multicast: Multicast is intended to transmit video to multiple devices. If you do not use this function, it is recommended you disable multicast on your network.
- Check logs: Check your device logs regularly to detect unauthorized access or abnormal operations.
- Physical protection: Keep the device in a locked room or cabinet to prevent unauthorized physical access.
- Isolate video surveillance network: Isolating your video surveillance network with other service networks helps prevent unauthorized access to devices in your security system from other service networks.

Safety Warnings

The device must be installed, serviced and maintained by a trained professional with necessary safety knowledge and skills. Before you start using the device, please read through this guide carefully and make sure all applicable requirements are met to avoid danger and loss of property.

Storage, Transportation, and Use

- Store or use the device in a proper environment that meets environmental requirements, including and not limited to, temperature, humidity, dust, corrosive gases, electromagnetic radiation, etc.
- Make sure the device is securely installed or placed on a flat surface to prevent falling.
- Unless otherwise specified, do not stack devices.
- Ensure good ventilation in the operating environment. Do not cover the vents on the device. Allow adequate space for ventilation.
- Protect the device from liquid of any kind.
- Make sure the power supply provides a stable voltage that meets the power requirements of the device. Make sure the power supply's output power exceeds the total maximum power of all the connected devices.
- Verify that the device is properly installed before connecting it to power.
- Do not remove the seal from the device body without consulting our company first. Do not attempt to service the product yourself. Contact a trained professional for maintenance.
- Always disconnect the device from power before attempting to move the device.
- Take proper waterproof measures in accordance with requirements before using the device outdoors.

Power Requirements

- Install and use the device in strict accordance with your local electrical safety regulations.
- Use a UL certified power supply that meets LPS requirements if an adapter is used.
- Use the recommended cordset (power cord) in accordance with the specified ratings.
- Only use the power adapter supplied with your device.
- Use a mains socket outlet with a protective earthing (grounding) connection.

- Ground your device properly if the device is intended to be grounded.

Battery Use Caution

- When battery is used, avoid:
 - Extremely high or low temperature and air pressure during use, storage and transportation;
 - Battery replacement.
- Use the battery properly. Improper use of the battery such as the following may cause risks of fire, explosion or leakage of flammable liquid or gas.
 - Replace battery with an incorrect type;
 - Dispose of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery;
- Dispose of the used battery according to your local regulations or the battery manufacturer's instructions.

Avertissement de l'utilisation de la batterie

- Lorsque utiliser la batterie, évitez:
 - Température et pression d'air extrêmement élevées ou basses pendant l'utilisation, le stockage et le transport.
 - Remplacement de la batterie.
- Utilisez la batterie correctement. Mauvaise utilisation de la batterie comme celles mentionnées ici, peut entraîner des risques d'incendie, d'explosion ou de fuite liquide de gaz inflammables.
 - Remplacer la batterie par un type incorrect;
 - Disposer d'une batterie dans le feu ou un four chaud, écraser mécaniquement ou couper la batterie;
- Disposer la batterie utilisée conformément à vos règlements locaux ou aux instructions du fabricant de la batterie.

Regulatory Compliance

FCC Statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

LVD/EMC Directive



This product complies with the European Low Voltage Directive 2014/35/EU and EMC Directive 2014/30/EU.

WEEE Directive-2012/19/EU



The product this manual refers to is covered by the Waste Electrical & Electronic Equipment (WEEE) Directive and must be disposed of in a responsible manner.

Battery Directive-2013/56/EC



Battery in the product complies with the European Battery Directive 2013/56/EC. For proper recycling, return the battery to your supplier or to a designated collection point.