



W100 Series Mobile NAS

User Manual



Download App

UD04537B

User Manual

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About this Manual

This Manual is applicable to W100 Series Mobile NAS.

The Manual includes instructions for using and managing the product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version in the company website (<http://overseas.hikvision.com/en/>).

Please use this user manual under the guidance of professionals.

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Regulatory Information

FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC compliance: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Conditions

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

EU Conformity Statement



This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, the RoHS Directive 2011/65/EU, and the RED Directive 2014/53/EU.



2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info



2006/66/EC and its amendment- 2013/56/EU (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info

Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

The devices are restricted to indoor operation only in the band 5150-5250 MHz.

After the laboratory measurement, the SAR value is 1.05W/Kg for 2.4G Band and 1.189W/Kg for 5.2G Band and 1.173W/kg for 5.8G Band which satisfies the RF exposure requirement.

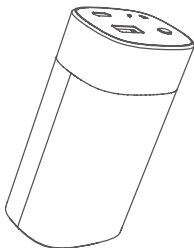
To satisfy RF exposure compliance the user should operate the device as the User Manual introduced and the antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

A Features

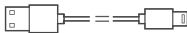
Compared with traditional NAS, W100 series mobile NAS (hereinafter referred to as W100) provides following features:

- USB Type-C (hereinafter referred to as USB-C) 3.1 interface with a high transmission speed.
- Up to 10 users can access W100 simultaneously. Users can share files.
- Wi-Fi Direct feature. While accessing W100 via its Wi-Fi, you can visit Internet using data cellular.
- Shock-proof feature for the internal SSD (Solid State Drive).
- Storage medias like USB device and SD card are connectable.
- Supports charging your smartphone.
- 6,700 mAh battery enables you to play videos for up to 11 hours.

B Package List



- W100 x 1

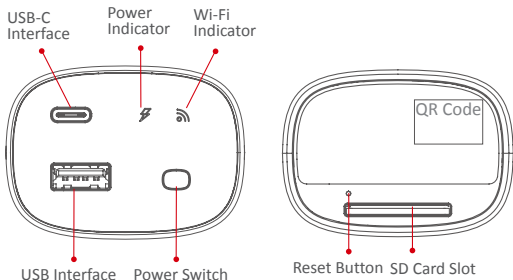


- USB-C Cord x 1



- User Manual x 1

C Interfaces and Indicators



1	USB-C Interface • Attach it to computer USB interface via USB-C cord to charge W100 or transmit data. • Attach it to other device via OTG cable to transmit data.
2	USB Interface • Attach it to other USB device to transmit data. • Charge up your smartphone.
3	SD Card Slot Slot for SD card.

4	Power Switch • Hold it for 3 seconds to turn on/off W100. - Wi-Fi indicator on: W100 starts up. - Wi-Fi indicator and power indicator off: W100 is shut down. • Press it to check W100 remaining battery. For details, refer to the following Power Indicator description.
5	Power Indicator • Its color shows the remaining battery. - Green: battery is full. - Cyan: 75% battery remaining. - Yellow: 50% battery remaining. - Red: 25% battery is remaining. You need to charge the W100. • When charging, it flashes in green every 3 seconds. • When fully charged, it is solid green.
6	Reset Button When W100 is running, hold it with a pin or similar thin object for 5 seconds to restore W100 to default settings.
7	Wi-Fi indicator • When Wi-Fi is being turned on, the indicator flashes. • When Wi-Fi is on, the indicator is solid.
8	QR code Scan the QR code to connect W100. In case the QR code paper is worn out, you are recommended to take a phone in advance.

D App Connection

After connecting W100 Wi-Fi in your smartphone, you can configure W100 in HiStor app.

Step 1 Download and install the HiStor app first.

- Option 1: Scan the QR code in the manual cover.
- Option 2: Search **HiStor** in application store.

Step 2 To build connection between W100 and HiStor, connect W100 Wi-Fi in your smartphone.

* **Android Smartphone User**

(1) Scan W100 QR code pasted in its bottom via HiStor scanning function.

(2) Follow the wizard to connect the Wi-Fi.

* **iOS Smartphone User**

(1) To obtain W100 Wi-Fi name and password, scan its QR code pasted in its bottom via HiStor scanning function. A prompt showing the Wi-Fi name and password will pop up, as shown in Figure 1.

(2) Enter Wi-Fi configuration interface in your smartphone and connect the Wi-Fi according to the prompt in step 2.

Step 3 After Wi-Fi is connected, HiStor home page is shown as Figure 2.

Figure 1 Prompt

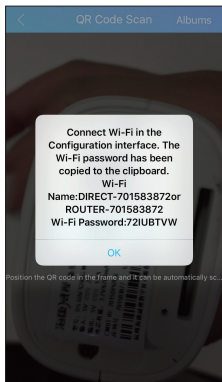
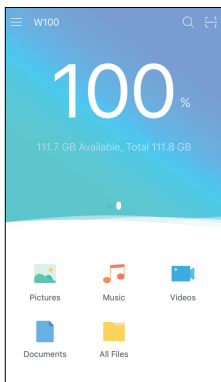


Figure 2 Home Page

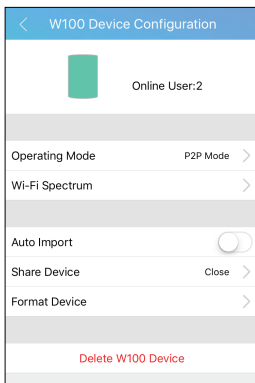


E App Operation

You can configure W100 in configuration interface.

Step To enter W100 Configuration interface, click  in home page and select the **W100 Device** item.

Figure 3 W100 Configuration Interface



Sharing W100

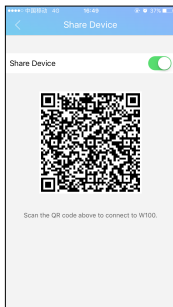
Sharing feature is designed for W100 quick adding. Other users can add W100 by scanning the shared QR code. One W100 can be added by up to 10 users.

Step 1 Enter Share Device interface.

W100 Configuration interface → Share Device

Step 2 Enable **Share Device** item to generate a QR code. The QR code is unique for each W100.

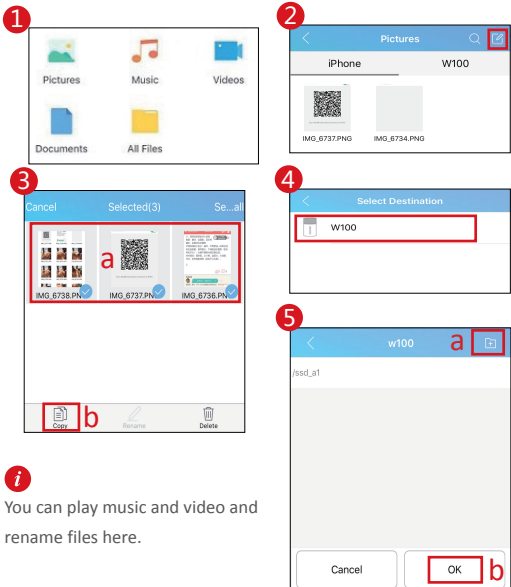
Figure 4 Share Device



Step 3 Add W100 in target smartphones by scanning the QR code via HiStor and follow the wizard to connect W100. For detailed steps, refer to Step 2 and Step 3 in “App Connection”.

Storing Files

HiStor enables W100, smartphone, USB device, and SD card to exchange files, including pictures, videos, music, and documents. We take the example of copying files from smartphone to W100 to describe the steps.



i You can play music and video and rename files here.

Auto Import

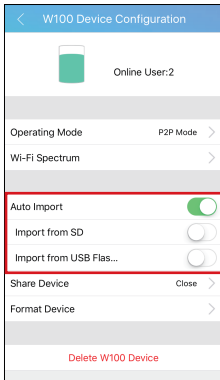
When Auto Import feature is on, once a storage media is attached to W100, HiStor will automatically import data from the storage media into W100.

Step 1 Enter W100 configuration interface.

Step 2 Turn on **Auto Import**.

Step 3 Select **Import from SD** or **Import from USB Flash Disk** according to your needs.

Figure 5 Auto Import



F W100 Configuration

Connecting WLAN

If W100 operation mode is Routing and W100 is connecting with a WLAN, smartphones and devices attached to W100 can access Internet via W100.

Step 1 Enter W100 Operating Mode configuration interface.

W100 Configuration interface → Operating Mode

Step 2 Select **Operating Mode** as **Routing Mode**.

- Routing Mode: W100 WLAN name is ROUTE-XXX.
- P2P Mode: Wi-Fi Direct feature is on. W100 WLAN name is DIRECT-XXX.

Figure 6 Operating Mode

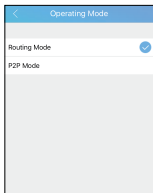
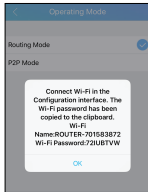


Figure 7 Prompt



Step 3 Enter Wi-Fi configuration interface in your smartphone and connect the correct Wi-Fi according to prompt popped up in step 2.

Step 4 Enter W100 Enable WLAN interface.

W100 Configuration interface → Enable WLAN

Step 5 Choose a WLAN to connect.

Formatting W100

Data in W100 will be erased after format.

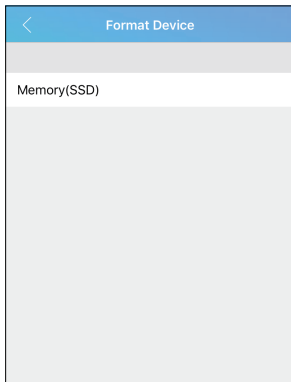
Step 1 Enter Format Device interface. Internal and external storage media will be listed.

W100 Configuration interface → Format Device

Step 2 Select a storage media to format and confirm the operation.

i Some models do not support the format feature.

Figure 8 Format



Upgrading W100

You can upgrade W100. Before you start, ensure the W100 remains at least 50% battery.

* **Auto Upgrade**

Step 1 Access W100 to Internet. For detailed steps, refer to Step 4 and Step 5 of “Connecting WLAN”.

Step 2 W100 will automatically download the latest upgrade package.

Step 3 Follow wizard to upgrade W100.

* **Manual Upgrade**

Step 1 Copy the upgrade package to the root directory of W100 or USB device or SD card attached to W100. For detailed steps of storing files in W100, refer to “Storing Files”.

Step 2 Reboot W100 (manually shutdown it and then turn on it) to upgrade.

 Power indicator flashes in blue during upgrade process.

G Preventive and Cautionary Tips

For W100 Main Body

- In the use of the product, you must be in strict compliance with the local regulations.
- Properly keep the user manual for operation reference.
- Purchase SD card from formal channels. SD card with Class 10 speed or above is recommended.
- Working environment: 0°C to 35°C (32°F to 95°F). Do not expose the product to environment with high or low temperature, high humidity, or high-dust density.
- Keep all liquids away from the product.
- When attaching high-power mobile HDD to W100, you need to power the mobile HDD with a separate power supply.
- The information contained in the manual is subject to change without notice, due to firmware updates or other reasons.

For Battery

- Improper use or replacement of the battery may result in hazard of damage.
- Properly dispose the waste battery.
- Do not use the battery in other devices.
- Do not expose the battery to fire source or high-temperature environment.
- Stop using the battery, when its shape changes, temperature is too high, odor rises, etc.

H Troubleshooting

Troubles	Reasons/Resolutions
Smartphone failed to access Internet via W100.	• Ensure W100 operating mode is Routing. • Ensure W100 has connected to Internet.
Smartphone accesses Internet via data cellular instead of W100.	When W100 operating mode is P2P, the connected smartphone accesses Internet via data cellular.
Unable to update W100.	• Ensure at least 50% battery remaining in W100. • During auto upgrade, ensure W100 Internet connection is well. • During manual upgrade, ensure upgrade package is in storage media root directory.
Unable to connect W100 in smartphone.	• HiStor is well installed. • Ensure W100 is on. • Reboot W100 and HiStor.
Unable to play video via HiStor	The trouble may be relevant with the smartphone player or system. Attach the W100 to your computer and play the videos.
Connecting W100 Wi-Fi takes quite a time.	• It may be caused by the interference of the surrounding Wi-Fi signals. Operate the W100 in an environment with less interference. • Close unnecessary programs in your smartphone to release resources for the HiStor.