User Manual

XFERMAX X8

Memory Card Backup Device

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.

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

Agreement of Usage

About the responsibility of compensation for data loss

Although the data stored in the equipment is precious but the technology could not ensure 100% safety of the data at present. The falling of equipment, computer virus, fault of equipment hard disk and the fault of the equipment itself may result in data loss. If the data is lost by any reasons, the manufacturer or the dealer only assumes the expenses for the repair/replacement of the hardware of this product, and will not undertake the responsibility to the direct or indirect losses arisen from the data loss in any ways.

About the function relying on the third party

The function of data transmission between this product and the mobile phone depends on the operating system of the mobile phone. The operating system of the mobile phone will be modified frequently. If the transmission function becomes inoperative due to the modification of the operating system, it shall be deemed as force majeure. The user shall not claim against the manufacturer or the dealer for compensation in any forms on such basis.

If the user disagrees about this Agreement, he/she shall return the unused product to the manufacturer or the dealer within 7 days after receiving the product, and meanwhile could be refunded fully. If this product has been used, it shall be deemed that the user accepts this Agreement.

Safety Instructions

Neither use this product in wet environment nor operate this product with wet hands. If the liquid enters the product, it is required to turn off the power supply and take out the battery immediately, and deliver the product to the designated repair shop. Do not use such product that has been corroded by the liquid. Otherwise, it might lead to short circuit of battery, and even it could cause fire hazard in serious case.

When recharging the internal battery, please confirm that the charger adapter meets the safety standards for power supply adapter and ensure that the output power reaches 10W. If finding peculiar smell, serious heating or smoking on the product itself or the power supply adaptor, please turn off the power supply immediately, put the product in such places that are dry and away from the inflammables, and deliver the product to the designated repair shop for repair after it cools down.

The product would generate a lot of heat after operating continuously. Be sure to place the product in a well-cooling places. It might cause fire hazard and other potential safety hazards if the product runs continuously in the places with poor cooling measures like bedding or sofa etc. The surface temperature of the product may be higher than the human body temperature if the product is used to transmit data continuously for extended period of time. Always pay attention to the high temperature of the product surface.

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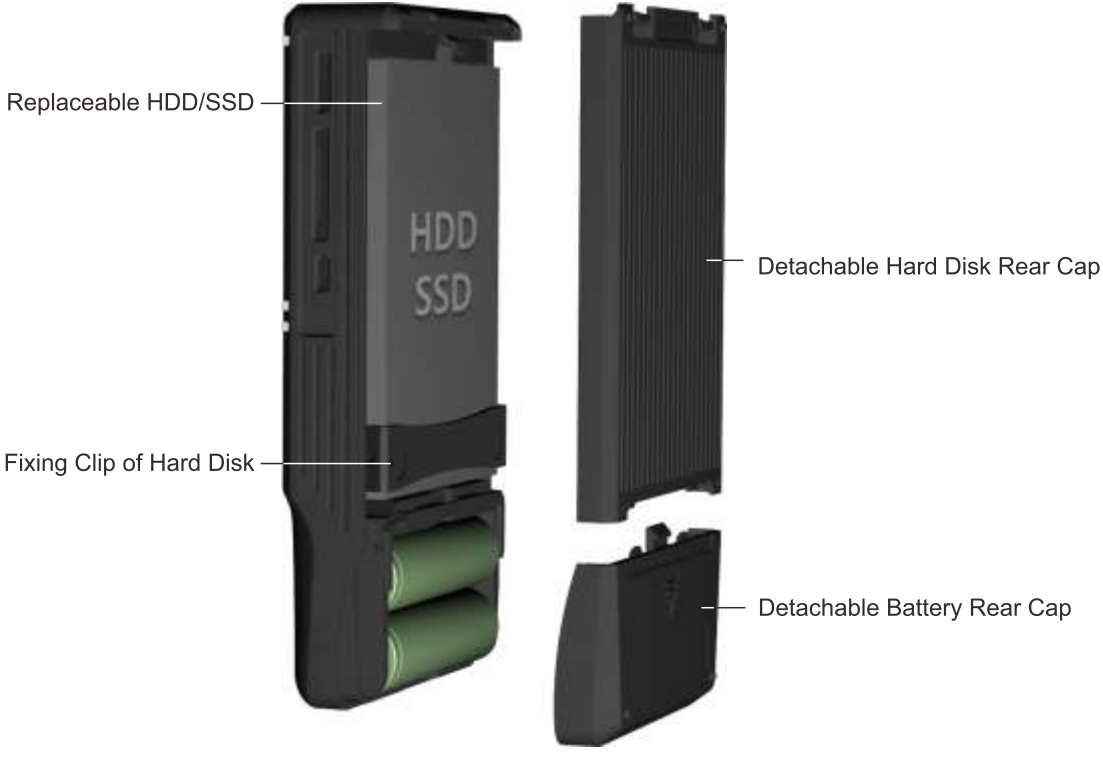
Component Name

Component Name

Explosive View of Back Side



Please confirm that the thickness of the hard disk replaced must be 7.5/9.5/15mm. After replacing the hard disk, ensure that the fixing clip has been installed properly. Please use qualified 18650 Li-ion battery. The product might not operate properly if the battery with unqualified material is used.

Turn on Power Supply

Push the switch by about 5s

Push the power supply switch to the left, and hold by about 5s. After the power supply is turned on, the LCD will display the splash screen.

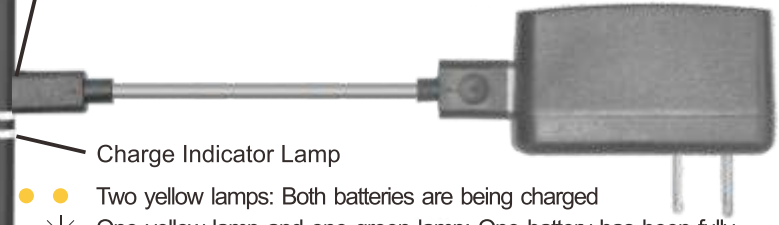
After the battery is used up, the product will be in protection state automatically , and the LCD could not display any contents. Be sure to restart after recharging the battery by 1 hour.

Battery Charging

If the battery level is too low, the LCD will prompt the information about running down of battery. Please turn on the product after charging the battery by 1 hour.

Charger Interface

The product contains highly efficient charging chip. Please use 5V/2A charger adapter that meet the safety standard.



Charge Indicator Lamp

Two yellow lamps: Both batteries are being charged

One yellow lamp and one green lamp: One battery has been fully charged while another battery is being charged.

Two green lamps: Both batteries have been fully charged.

If the charger adapter power could not reach 5V/2A, the charging period will become longer. During the charging process, please ensure that the product is in off state and do not use this product.

Main Functions

Backup all data in memory card to internal storage media.

Backup only new data to internal storage media.

Backup all data in memory card to internal storage media on time basis.

Backup all data in memory card to internal and external storage media.

Browse/copy/delete the file

Synchronize the internal files to external hard disk

View/download the file on the mobile phone

Recover the images accidentally deleted in the memory card

Modify system settings

Monochrome LCD Functions

1. Display hard disk capacity when the power supply is off or the LCD is off.
2. Display the progress information during the backup process.

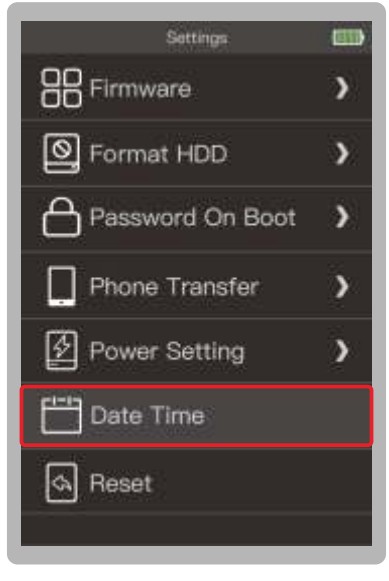
Time Setting

When starting this product for the first time, it is required to set correct time for product to operate properly.

1 Select 'Settings'

2 Select 'Date Time'

3 Press the middle key to finish time setting.



Full Backup

Data stored in memory card will be copied to the hard disk completely. After full backup, system will create a folder with specific name automatically in the hard disk.

1. Insert Memory Card

2. Select 'Full Backup'

1 Full Backup User Interface

3. Press Middle Key to Start Backup.

In case of product works with HDD as storage media, please do not operate during taking vehicles. And prevent it from strong swing orcollision in the state of working. Otherwise, the HDD might be damagedwhich would result in data loss and other serious consequences.

Full Backup

The LCD will enter OFF state for saving battery and the backup information will be displayed in the small LCD in the full backup process. The backup progress can be checked on the small LCD by pressing any key. When the LCD is lit up, pressing the Return key for long time can terminate the backup operation. The files finishing backup will be reserved. In the backup process, pressing the Menu key can modify the name of the folder. At the end of backup operation, the power supply for this product will be turned off automatically. If any error occurs in the backup process, the LCD will display detailed information after this product is started next time.

2 Backup Progress

3 Modify Folder's Name

Press Menu key to change the name of folder

4 Backup Complete

Press Middle key to browse images

Be sure to place the product in a well-cooling place in the backup process. Do not put this product in the camera bag or soft fabrics.

If product is in off state when checking the backup progress, be sure to turn on this product to verify whether the backup operation has been completed properly.

Incremental Backup

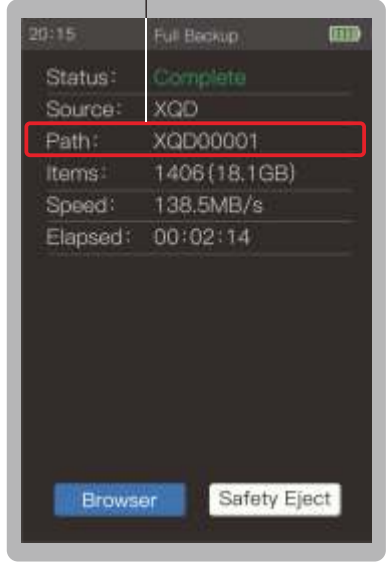
Only the newly added data in the memory card will be copied into the hard disk. If the memory card is subjected to incremental backup for the first time, the system will create a new folder in the hard disk and carry out full backup operation. When the memory card is inserted to incremental backup again, the system will compare the difference and meanwhile backup the newly added file data into the product.

1 Select 'Incr. Backup'

2 Backup Finished

Second Backup Finished

Two backups will use same folder automatically



The system will create a log file in the memory card so as to record its corresponding backup catalog. If the memory card has been formatted, the log file also will be deleted and the system will implement full backup automatically.

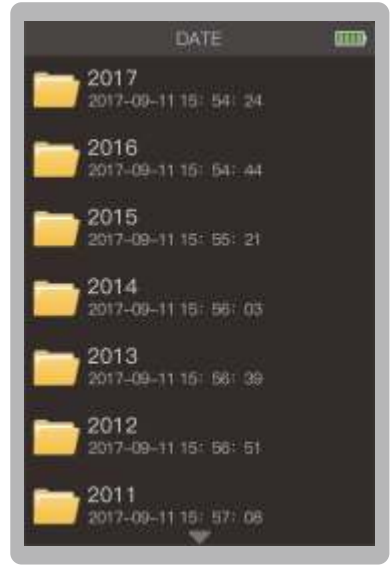
Time Backup

The data in the memory card will be copied into the folder of corresponding date of the hard disk according to the time information. For example, the images shot on March 1, 2017 will be copied into the folder '/Time-based Backup/2017-03-01'. In the time-based backup process, the existing file data will not be backed up by the product.

1 Select 'Time Backup'

2 After backup, select 'Browser'.

3 Browse the images on time basis.



If two images are identical on aspects of file name, shooting time (second) and size, they shall be identified to be same image file and will not be backed up repeatedly by the system. If they are different image files of same name, either image file will be renamed by the system in the backup process.

Dual Backup

The data in the memory card can be copied into the internal hard disk and the external hard disk automatically. This function could provide double safety protection for the user with relatively low cost.

The power of internal battery of the product could not drive two hard disks at the same time. Therefore, it is necessary to ensure that the charger adapter has been connected properly to the product when carrying out dual backup operation.

To achieve fastest copying performance, it is necessary to format the external hard disk into ExFAT file system.

1 Connect hard disk to the product

2 Select 'Dual Backup'

3 Press the middle key to start Dual Backup

If the battery has almost been used up, it is necessary to start Dual Backup operation after recharging the battery by 1h.

In the dual backup operation process, the CPU and the hard disk of the product will generate a lot of heat so that the temperature of the product surface will increase obviously. Please be careful.

File Management

The file management enable image browse, file copy/pasting and file deletion functions. The images can be picked up easily without computer.

1 Select 'Files'

2 Press the middle key to open the selected device or folder

3 File management in list mode

File management interface

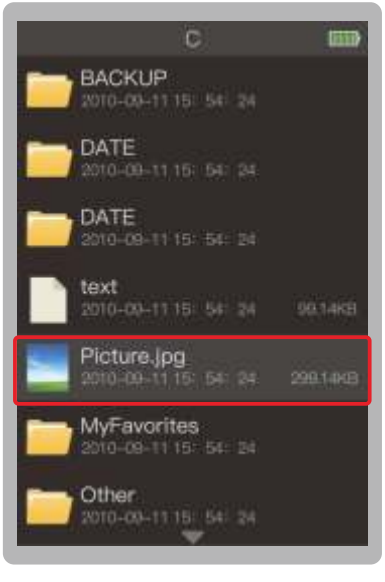
File management menu function

Browse the image

Image Browse

The product is designed with dedicated zoom up/down keys. The image may be zoomed up to 100% with single operation. At this moment, 1 pixel of the image is just corresponding to 1 pixel of the LCD.

1 Press the middle key to open the selected image



2 Image browse mode interface

The product may identify and browse most images in RAW format such as CR2 and NEF etc. But the resolution ratio and the color of some images in RAW format may be different from those of the computer.

Image Selection

After entering image browse mode, it is easy to copy the favorite images into the folder “My Favorite Files” of the hard disk and select favorite images.

1 Press Menu key to open file management

Image Browse Mode

2 Select 'Favorite'

3 Select Finished

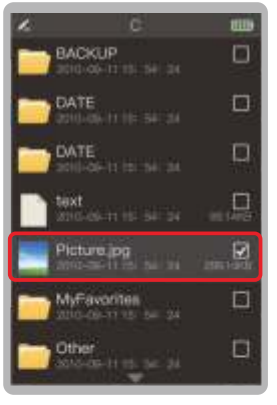
Files Copy in Batch

It is allowed to select more than one files for batch copy operations.

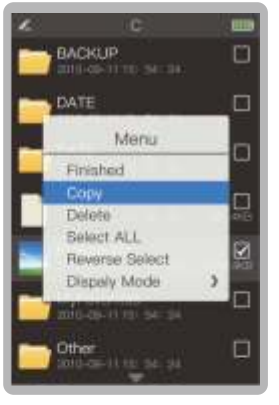
1 Press key display the file management menu

2 Select 'Edit'

3 Select the file to be copied



4 Press key to display menu

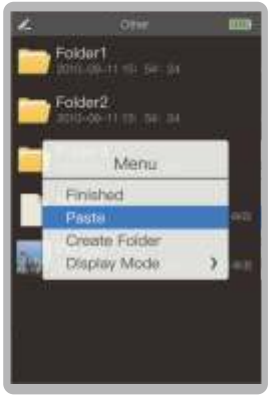


5 Select copy function

After selecting copy function, the selected files will be recorded into the clipboard of the system.Select the folder, and paste the files in the clipboard into the selected folder- the file copy is finished.

6 Select the folder to be pasted

7 Press key to Select 'Paste'



8 Batch copy finished

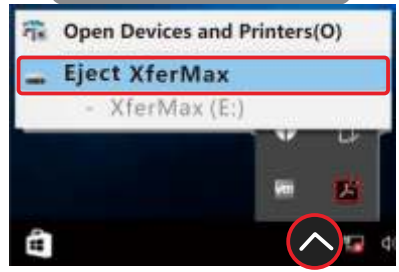
Connecting to Computer

This product can be used as a standard external hard disk. The data in the product can be accessed through the computer. Turn off the power supply of this product, connecting the MicroUSB3.0 interface to the USB interface on rear end of the computer.

1 **Turn off power supply of the product**

2 Connect to the USB port on rear end of the computer by USB cable

3 Eject Xfermax disk safely from computer



Since limitation of some desktop computers, the front USB port usually could not provide sufficient power so that it could not drive the product to run normally. It is recommended to connect USB cable to the rear USB port of the desktop computer.

Before disconnecting from the computer, it is recommended to use the function “Remove USB Equipment Safely” of the operating system, and then unplug the cable. Otherwise, the data in the internal hard disk of the product may be lost.

File Synchronization

Data can be synchronized to external hard disk. This function provide further safety feature, and only increases little cost. The internal lithium battery of the product is unable to drive two hard disks at the same time. Thus, it is necessary to ensure that the charger adapter has been connected to the product when carrying out the file synchronization. For reaching ideal data backup speed, it is recommended to format the external hard disk into ExFAT file system.

1 Connect the mobile hard disk to the product

2 Select 'Sync'

3 Press the middle key to start

If the battery has almost been used up, it is necessary to charge the battery more than 1 hour before synchronization operation.

Usually, it takes long time for the file synchronization, and the temperature of product surface will be increased. Thus, please pay attention to the possible high temperature of the product surface.

Images Recovery

If the memory card is formatted by mistake, or the images in the memory card are deleted by mistake, try to recover the images with the 'Recovery'. Please insert a memory card into the product. Select 'Recovery' in the main menu, the images will be stored in the folder “Recover Images” of the internal hard disk. When using the image recovery, the system will not write any irrelevant data into the memory card.

1 Insert memory card

2 Select ‘Recovery’

Only the images with the following formats may be recovered:

Digital camera:	JPG
Canon:	CR2/TIF/CRW
Nikon:	NEF
PENTAX:	DNG/PEF
SONY:	SR2/ARW
OLYMPUS:	CRF
MAMIYA:	MEF

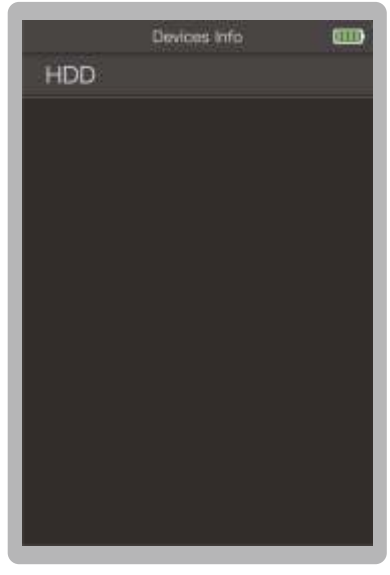
If the images are deleted or the memory card is formatted by mistake, it is recommended to stop using this memory card immediately. Insert the memory card into this product and use the recover images as soon as possible.

Check Health Information (SMART) of Hard Disk

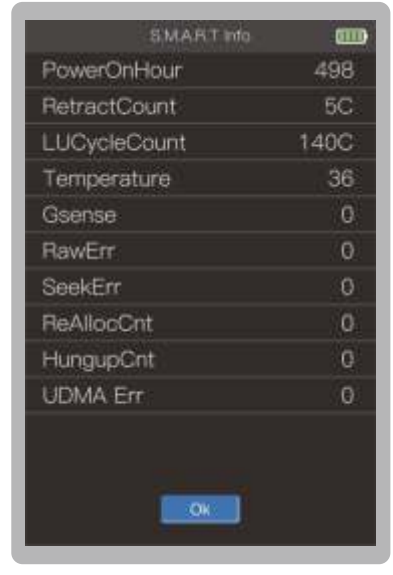
Checking the health information-SMART of the hard disk regularly is an important way for ensuring data safety. S.M.A.R.T is the acronym of Self-Monitoring, Analysis And Reporting Technology. This technology mainly monitors and record the predictable mechanical fault in the hard disk, and report before the fault occurs so as to prevent the data content from being damaged. This product supports SMART technology comprehensively. Checking the health information of the hard disk regularly could improve the data safety effectively.

1 Select 'Device Info'

2 Select 'HDD'



3 Check 'S.M.A.R.T Info'

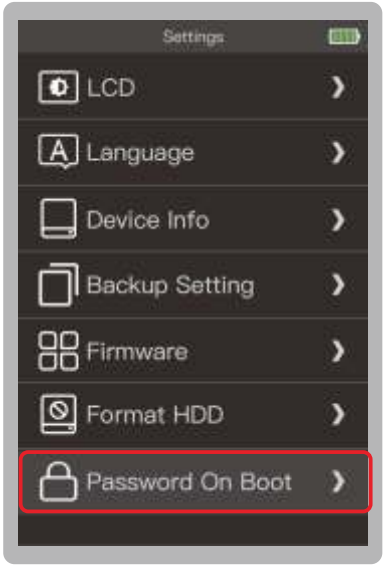


Please pay special attention to the parameter 'Hang up Sector'. If this value exceeds 10, it is recommended to send the complete SMART information to us as soon as possible and we will offer professional data safety sugguestion.

Password on Boot Setting

The product supports power-on password setting for enhancing data safety further. The password consists of 4 digits. Other operations could be implemented only after correct password has been inputted.

1 Select 'Settings' and select 'Password On Boot'



2 Select 'Enable Password'

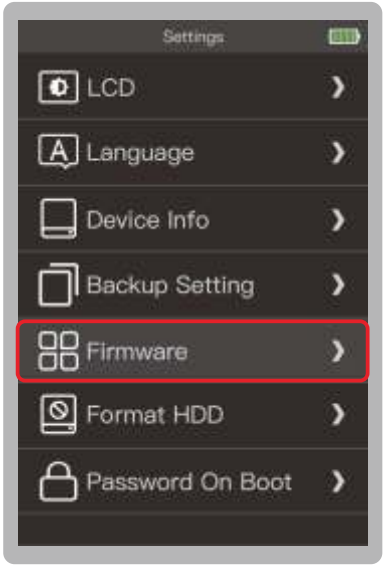
3 Press Finish

Although password on boot has been set, but the product still might be accessed in some way. When the product is connected to the computer as a external hard disk, the password is not required and user can access data stored in the product.

Firmware Update

Please download firmware from the official website, and uncompress it into the memory card. Please confirm that the suffix of the uncompressed file is .SPF. Insert the memory card containing xxx.SFP file into corresponding slot, and then select 'Settings'- 'Firmware'- 'Firmware Update' in the main menu.

1 Select ‘Settings’ and select ‘Firmware’



2 Select ‘Firmware Update’

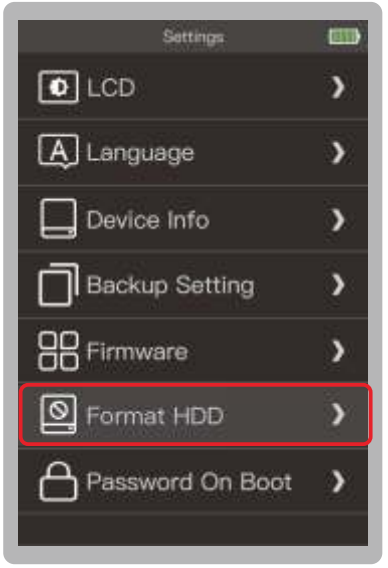
3 Select ‘Yes’ to start firmware update.

Do not unplug the memory card or turn off the power supply in the firmware updating process; otherwise, the product might be damaged!

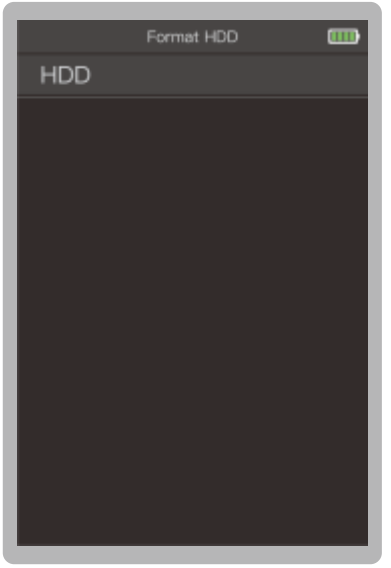
Hard Disk Formatting

The product may be fitted with 2.5” SATA mechanical hard disk or solid state disk. For obtaining the optimal data backup performance, it is recommended to format as ExFAT file system. It is also allowed to re-format the hard disk if necessary.

1 Select ‘Settings’ and Select ‘Format HDD’



2 Select ‘HDD’



3 Select ‘Yes’ to start formatting

Format operation will delete the data permanently. Please carry out formatting operation after data has been backed up safely.

Mobile Phone Join WiFi

Open the menu, select “Join Router”, select the wireless network to join and input the password. The system will switch over to Internet mode. In this mode, the mobile phone could access to the product in same wireless network.

1 Select menu options

2 Select “Join WLAN”

3 Input Password

4 Mode Changing Finished

Press enter key to finish mode changing.

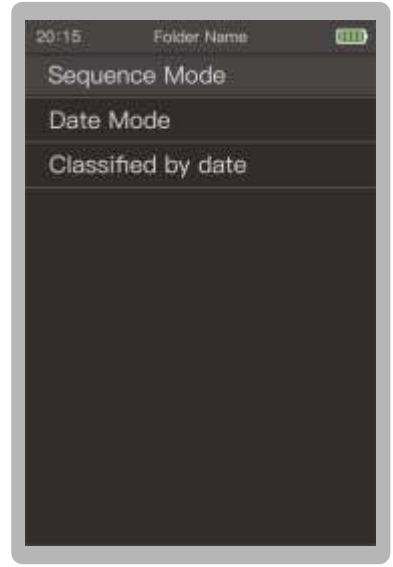
Backup Setting

Select 'Settings', select 'Backup Setting' and select the image preview function when turning on or off backup operation. The system also supports to modify the naming rule for backup folder.

Select ‘Settings’ and Select ‘Device Info’

Select image preview switch

Change the naming rule for the folder



Specification

Memory Card Slot	1 x CFast2.0 (optional) 1 x CF(optional) 1 x SD/MMC/SDHC/SDXC(optional) 1 x XQD(optional)
USB	Micro USB3.0 SuperSpeed 5Gbps
USB Host End	USB3.0 Type A SuperSpeed 5Gbps
HDD/SSD Interface	SATA 2.5inch , 9.5mm or 7.5mm height
WiFi Module	Wi-Fi IEEE802.11n 150Mbps
Power	MicroUSB DC 5V/2A
LCD	3.5"320x480 IPS LCD 132x32 Mono Display
Battery	2x18650 Li-ion Battery(optional)
Dimensions	82mmx160mmx29mm
Weight	Approx. 365g

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