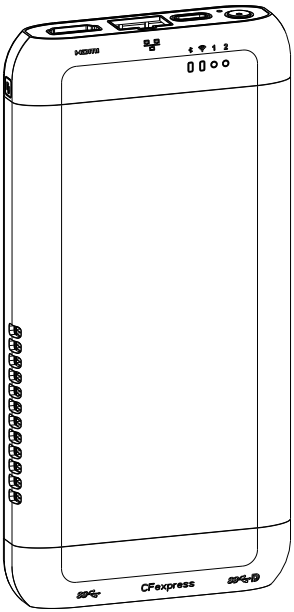
UNIFYDRIVE

Product User Manual



Unify Drive UT2

What is Unify Drive

Personal Cloud Storage at home

With faster speeds, larger storage capacity, and enhanced data security, you'll never have to worry about file deletions or privacy breaches again. Enjoy VIP-level storage service for the whole family or company. Free up phone space and store millions of photos and thousands of HD videos, eliminating storage anxiety.

Your Family Photo Album

With an integrated AI photo album, disorganized photos are categorized by person, time, scene, and location, sparing you the trouble of searching through countless pictures. The baby album captures every step of your baby's growth by time and place and can be shared effortlessly with family and friends.

Your Reliable Work Assistant

Online office document editing, Mac time machine backups, automatic synchronization of files across multiple computers, and easy sharing of large files. Perfect for personal use or team collaboration, removing the barriers of space and distance to maintain work efficiency.

Your Personal Online Entertainment Center

With built-in tools for cloud storage download and PT download, you can conveniently access a wide range of resources. Store your favorite music, TV shows, treasured movies, and memorable anime and novels in your personal cloud. With an internet connection, you can stream them remotely on your phone, computer, or TV. Your personal cinema, accessible anywhere.

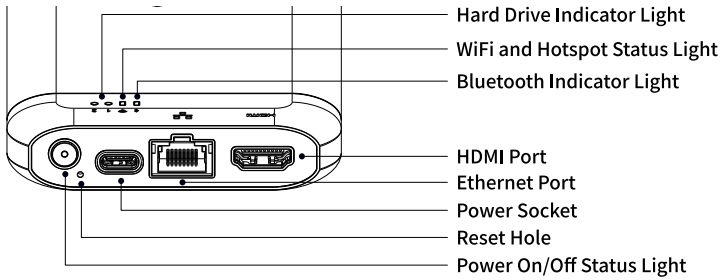
Your Trusty Data Guardian

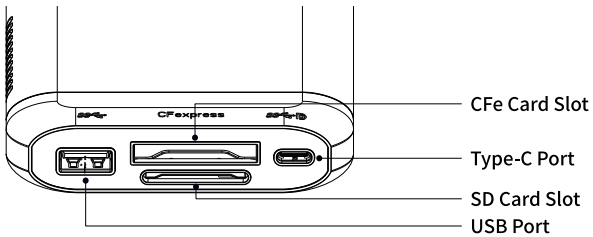
Say goodbye to chaotic USB drives and external hard drives. Unify Drive is your anytime-accessible, non-portable external hard drive, allowing you to store all your photos, videos, files, and documents in one place. It helps you efficiently store, conveniently manage, and easily use your data.

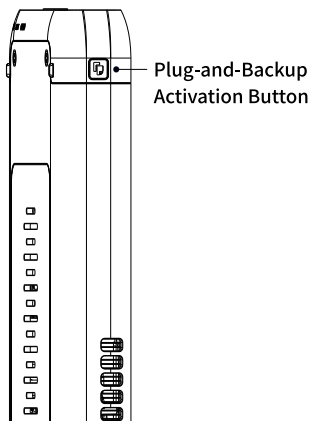
Reliable Data Security Guard

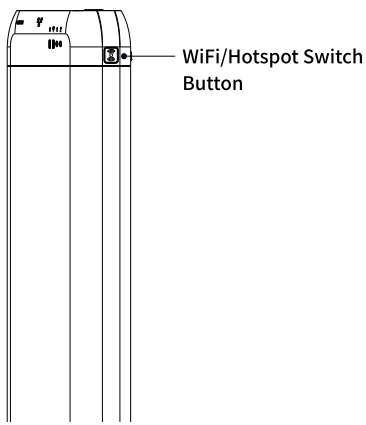
From hardware to software, protect your data privacy and security comprehensively. Utilizing local storage, multi-layer encryption, account space isolation, and file vaults, your data is safer in the private cloud, avoiding data leaks and hard drive failures.

Device Description









Device Description

Device List

Device	x 1	Remote Control	x 1	Power Adapter	x 1
Ethernet Cable	x 1	HDMI Cable	x 1	Dual-Head Type-C Cable	x1
Screwdriver	x 1	Silicone Case	x 1	User Manual	x1
Warranty Card	x 1	Accessory Pack	x 1	Cfe-B Card Holder	x1

Important Notice

1. Newly added hard drives must be formatted before being used in a storage pool. Ensure data is backed up.
2. Do not insert or remove hard drives while the device is powered on, as this may lead to data loss or hard drive damage.
3. Use the power button to turn the device on and off properly. Unplugging the power directly may damage the device or hard drive.
4. Unify Drive is not responsible for any device or data damage caused by improper operation.

This product is intended for safe use only in non-tropical climates.

Installation Instructions

UT2 comes in two versions: the Standard Version (without built-in hard drive) and the Built-in Hard Drive Version. The Built-in Hard Drive Version does not require disassembly. Simply connect the power and network, and you can register and use it after powering on.

For the "Built-in Hard Drive Version," please refer to the " Network Connection and Powering On" page for detailed instructions.
For the "Standard Version," follow the steps below to install the hard drive.

SSD Installation and Usage Instructions

1. NVMe 2280 SSDs is supported, but PEIe 4.0 not supported.

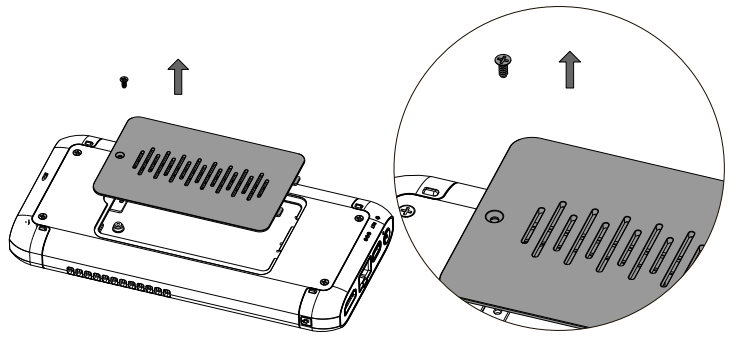
2. Ensure the power is off when installing or removing SSDs to avoid damage or data loss.

3. M.2 SSDs can become quite hot during heavy read/write activities. Ensure good ventilation.

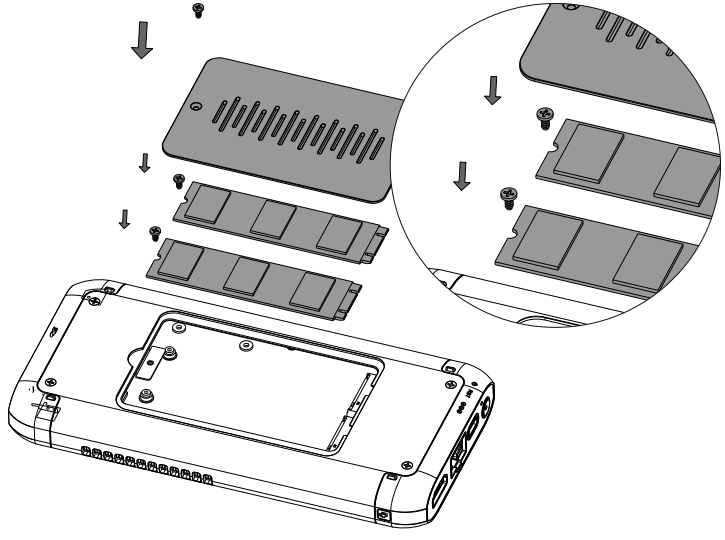
4. Each SSD brand has a recommended operating temperature range. Check with the brand's customer service for specifics and avoid prolonged high-temperature use.

SSD Installation Procedure

① Remove the screws from the device's back cover and take off the cover.



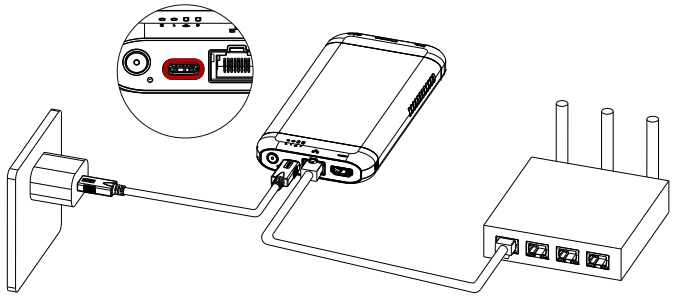
② Install one or two SSDs as required, and secure them with screws.



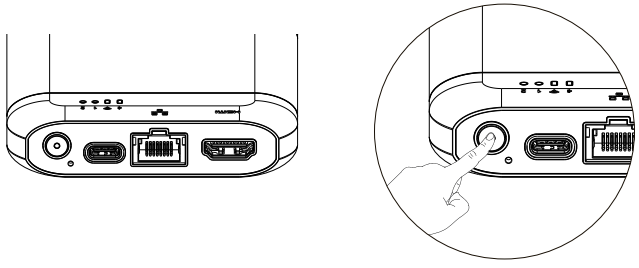
Network Connection and Powering On

Connect the Ethernet cable to the router and power on.

① Connect the power and network, and plug the Type-C power cable into the red-marked port. For Wi-Fi connection instructions, refer to page 10 if Ethernet is not convenient.



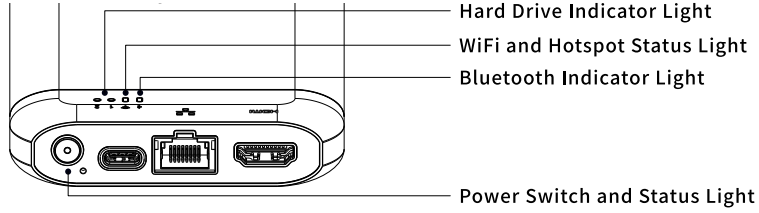
② Lightly press the power button. The power light will turn on with a "beep" sound.



Important Warnings:

1. The Type-C port with the red circle is designated for 12V power supply only. Do not use it for USB data transmission.
2. The initial startup may involve a lengthy upgrade process once connected to the network, indicated by the power light flashing rapidly. Do not shut down or unplug the power or network cables during this process to prevent system damage.
3. The device is equipped with a built-in UPS. Ensure it is used in an appropriate environment and keep it away from high temperature or humidity.
4. Using non-certified power adapters or UPS units may result in device failure, abnormal operation, or even explosion hazards.

Indicator Lights Guide



Name	Color	Status	Description
Power and Status Light	Off	N/A	Powered off
	Green	No flashing	Powered on
	Green	Fast Flashing	System upgrade
	Green	Slow Flashing	Password reset
	Red	Slow Flashing	No network connection or network error
	Red	Fast Flashing	Other Serious Malfunction
Hard Drive Light	Green	No flashing	Normal State
	Green	Fast Flashing	Hard Drive Read/Write
	Green	Slow Flashing	Hard Drive Sleep
	Red	Slow Flashing	Formatting in Progress
	Red	No flashing	Waiting for Processing
	Red	Fast Flashing	Hard Drive Failure
	Off	N/A	No Hard Drive Detected
Bluetooth Indicator Light	For detailed status and description, please refer to the " Bluetooth Networking and WiFi Connection" and "Remote Control Pairing Instructions" sections.		
WiFi and Hotspot Status Light	For detailed status and description, please refer to the " Wifi Connection and WLAN Hotspot Configuration " section.		

Power off the Unify Drive device

Press and hold the power button for 4 seconds to initiate a safe shutdown. During the shutdown process, all three lights will flash rapidly in green simultaneously.

Administrator password reset

Press and hold the reset button for 4 seconds. During the password reset process, the power light will flash slowly in green.

Factory reset setting

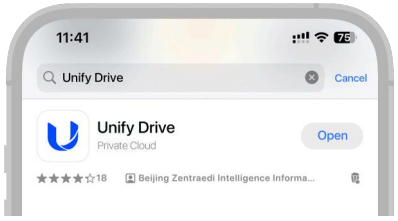
Press and hold the reset and power buttons simultaneously. During the reset process, all three lights will flash rapidly in red. Factory reset won't erase data from the hard drive.

*If the indicator lights are disabled in the system settings, follow the system settings.

Steps for new device registration

Step 1: Download and install the "Unify Drive" app on your mobile device.

Search for "Unify Drive" in your phone's app store or iPhone's AppStore, or use your phone browser to scan the below QR code to download.



Step 2: Administrator Account Registration

1.Open the app, complete the necessary authorizations, and choose "New Device Registration."

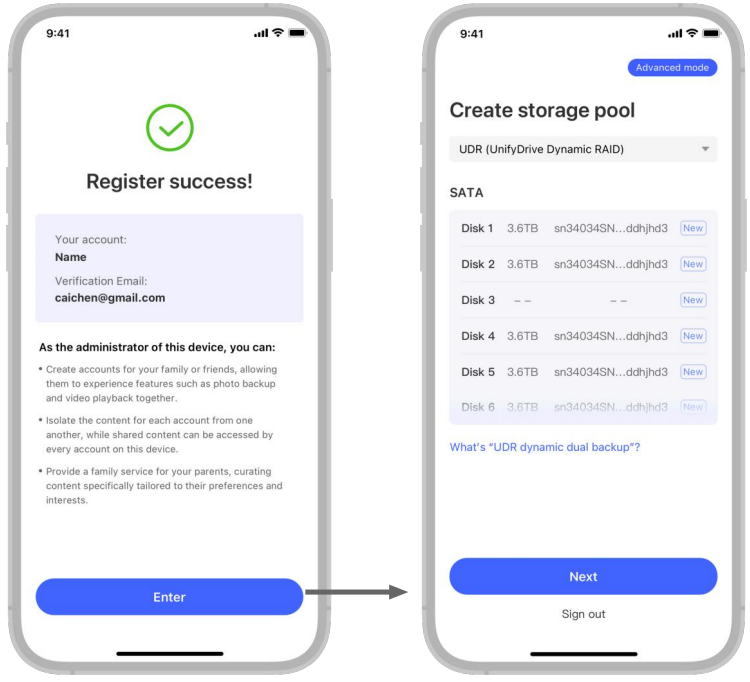
2.Follow the app's instructions to register an administrator account. The admin account must be registered with email to activate the device.

3. Format the hard drive after completing registration before using the device.

Phone Permissions Info: Unify Drive's essential functions, including mobile photo backup, file backup, and multi-device data synchronization, require access to your phone's device information, photos, and storage. Without these permissions, some features might not work correctly.

Step 3: Hard Drive Formatting

The hard drive needs to be formatted to be recognized as the system disk in Unify Drive. Please be aware that this process will erase all existing data on the hard drive.



Unify Drive recommends the dynamic dual backup method (UDR mode). **In UDR mode, you can select important data for dual backup, safeguarding your information. Compared to RAID1's total dual backup, UDR ensures data safety and maximizes hard drive usage efficiency.**

UDR Mode Special Notice

In UDR mode, the system automatically initiates dual backups for specific directories. If adjustments are required, please access "System Settings" -> "Storage Management" to modify settings.

Wifi Connection and WLAN Hotspot Configuration

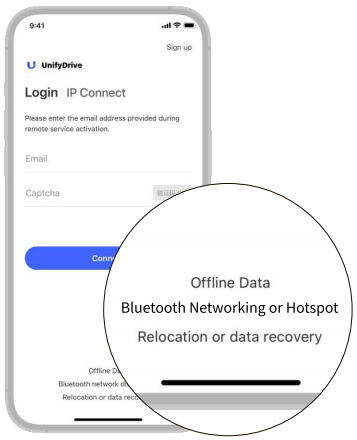
UT2 supports internet connectivity through WiFi and can be configured as a WLAN hotspot. This allows other devices to connect to UT2, providing app access to UT2 in offline mode or using UT2 as a router to access the internet."

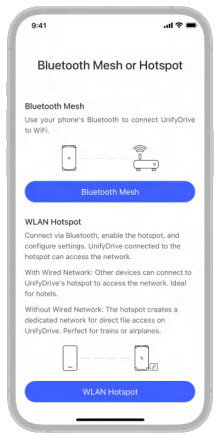
Wifi Connection

1.Open the Unify Drive mobile app and find 'Bluetooth Networking or Hotspot' on the login page.
2.Access the appropriate page by selecting 'Bluetooth Networking'.
3. Find the UT2 device you want to connect to WiFi and press the WiFi configuration button.
4. Choose the WiFi network you wish to join, enter the password, and complete the setup process.

WLAN Hotspot Configuration:

1.Open the Unify Drive mobile app and find 'Bluetooth Networking or Hotspot' on the login page.
2.Access the appropriate page by selecting 'WLAN Hotspot'.
3. Find the UT2 device you intend to configure the WLAN hotspot for and select the WLAN hotspot button.
4. Proceed to the configuration page and input necessary details, such as password setup.



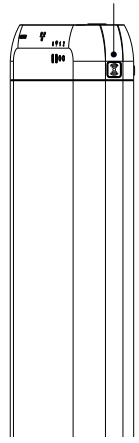


If you're unable to find the Unify Drive device via Bluetooth:
Check whether HDMI is connected (Bluetooth indicator lights up). Disconnect HDMI if connected, as network configuration is not possible while it's connected.
Try turning Bluetooth off and on again, reopening the Unify Drive app, restarting your phone, restarting Unify Drive, and then try again.

WiFi and WLAN Hotspot Switch

The UT2 supports one-click switching between WiFi and WLAN hotspot. Prior to using the device's button for switching, it is recommended to configure WiFi and WLAN hotspot through the mobile app.

WiFi and WLAN Hotspot Switch Button



When the indicator light is off, WiFi and WLAN hotspot are disabled.

Press the briefly to enable WiFi mode, connecting automatically to the last used WiFi network.

When the indicator light is on, WiFi or WLAN hotspot is enabled.

Press the briefly to switch between two modes. The corresponding indicator light will turn on after a successful switch.
Press and hold the for 3 seconds to turn off both WiFi and WLAN hotspot until a beep sound is heard and the status light turns off.

*When the button is pressed, a beep sound will be heard.

Color	State	Description
Blue	No Flashing	WiFi enabled and connected
Green	No Flashing	WLAN hotspot enabled
Blue	Slow Flashing	WiFi enabled but no network access
off	None	WiFi and hotspot disabled

Relvant Notice
If the WLAN hotspot is activated through the switch button without prior setup in the mobile app, a default password will be assigned. You can view this password in the mobile app.
With the WiFi/hotspot functions enabled, the indicator light will be off during device restart, upgrade, or booting. It will light up again in the appropriate color once the service resumes.

Personal Cloud Phone

The UT2 supports running multiple virtual Android phones simultaneously. One UT2 device is equivalent to several Android phones, allowing you to play games, browse TikTok, listen to music, and check messages.

Usage Instructions:

Access the "Personal Cloud Phone" feature from the "More Apps" section on the homepage of the Unify Drive app. Tap the icon to enter and follow the on-screen instructions to start using it easily.

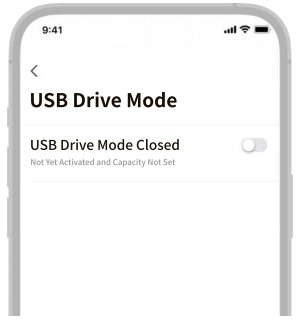
Note: Images are for illustrative purposes only.

Relvant Notice

1. Theoretically, UT2 can run up to 8 private cloud phones simultaneously. However, the actual number depends on the device's load, resource utilization, and the consumption of each virtual machine. Excessive load or resource consumption may result in lagging or even crashes.
2. Personal cloud phones are intended for personal entertainment purposes only and should not be used for any other activities. Unify Drive bears no responsibility for any legal consequences resulting from misuse.

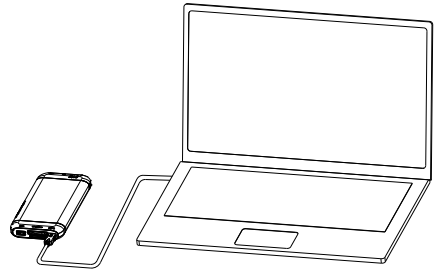
USB Drive Mode Instructions

Utilize UT2 as a USB drive by following these steps:



① Register as an administrator and establish storage. Then, navigate to "System Settings" > "USB Drive Mode" for configuration.

② After setting up the USB drive, connect UT2 to your computer using the Type-C data port to access it as a USB drive.



*UT2's Type-C data port supports auxiliary power supply. With the internal UPS charged, you can boot it up and use it as a USB drive by plugging in the Type-C cable. It's important to note that the duration of usage without external power varies depending on the power output capacity of the USB ports on different computer models.

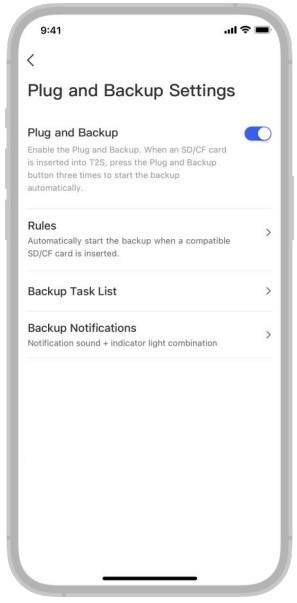
USB Drive Mode Usage Guidelines

1. The storage allocated in USB drive mode acts as an external USB drive within Unify Drive space.
2. USB drives cannot be accessed simultaneously by both the computer and Unify Drive. Once connected to the computer, Unify Drive loses access to the USB drive space.
3. If the USB drive isn't recognized by the computer, try restarting Unify Drive after connecting the USB cable.
4. Choose the file format for the USB drive setup carefully, as NTFS format may not be recognized by certain Windows systems.

SD/CFexpress Card Plug-and-Play Backup

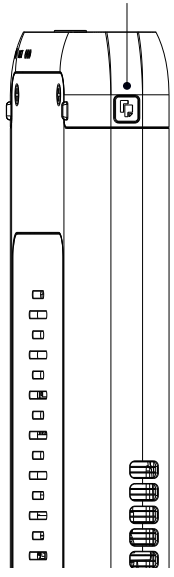
UT2 supports plug-and-play backup for SD/CFexpress cards. Once configured in the app, data is automatically backed up upon inserting either an SD or CFexpress card.

Plug-and-Play Backup



① Activate the plug-and-play backup function in the app.

Plug-and-Play Backup Button



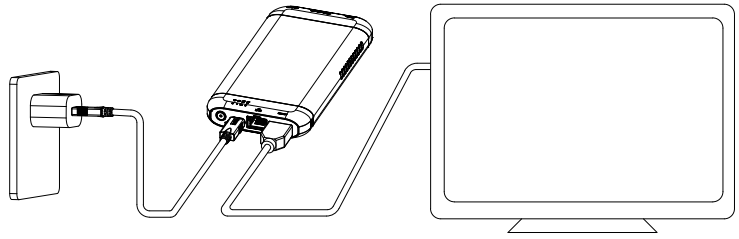
② Press the button three times after inserting the SD or CFe card to start automatic backup.

Relvant instructions

Backup initiation: Two beeps.
Backup completion: Three beeps.
Backup initiation failure: Two long beeps.

HDMI/TypeC Output

UT2 offers the capability to output video or desktop services to the respective display endpoint using both the HDMI port and TypeC data port.



*The HDMI port on the device end may be labeled as HDMIin, HDMIOut, or HDMIARC. If labeled, please plug it into HDMIin.
*TypeC output supports dual-head C, C-HDMI, and C-DP data cables.
*HDMI supports 8K60 frames, while TypeC supports 8K30 frames output. 8K output requires synchronized support from output devices, data cables, and display devices. Please inquire with the seller when purchasing related equipment.
*The HDMI data cable included with the device does not support 8K output. Please purchase separately if needed.

Usage Guide

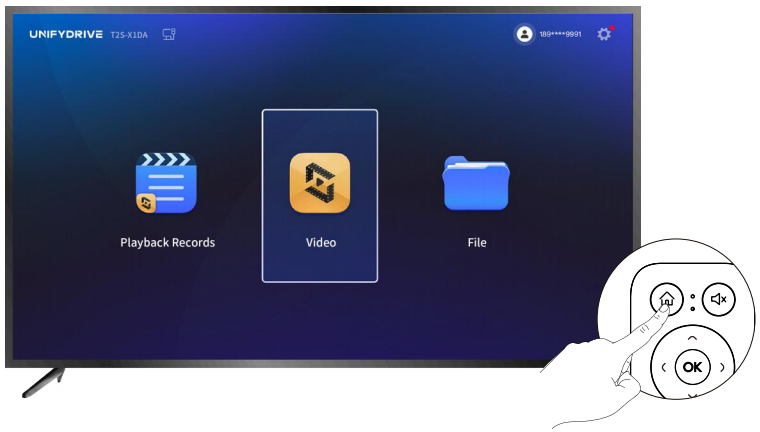
Method 1: Mobile App Streaming

Access the Moive detail page within the mobile app and select the "HDMI" button to stream content to your monitor using HDMI. The mobile app will concurrently act as a remote control.

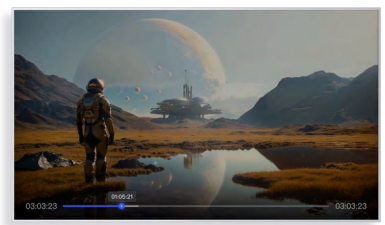
Method 2: HDMI Desktop

The HDMI desktop function requires the use of the included Bluetooth remote control. Please ensure the remote control is paired before use.

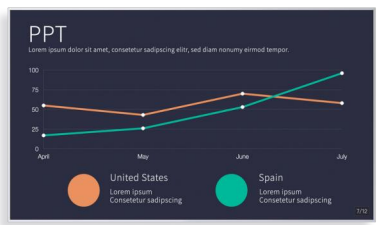
Once the device and remote control are successfully paired, press ⌂ on the remote control to access the HDMI desktop features.



Video Play



Slide Display

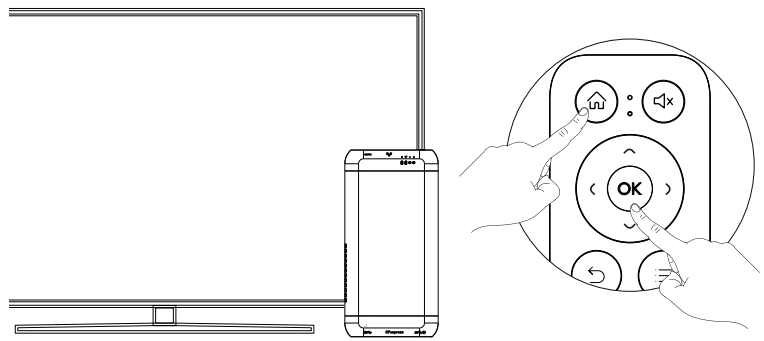


*Iterative updates are planned for the HDMI desktop, with the final effect contingent upon the product's version at that time.

Remote Control Pairing Instructions

Before using the remote control to navigate the HDMI desktop, make sure it's paired with the UT2 device via Bluetooth.

When the display device is correctly connected to the UT2 device, the Bluetooth pairing function will activate automatically (the Bluetooth status light will remain solid red, indicating it's ready for pairing). Place the remote control within 0.5 meters of the device and simultaneously press and hold the OK and Home buttons to start pairing. Place the remote control within 0.5 meters of the device and simultaneously press and hold the OK and ⌂ to start pairing.



If the buttons on the remote control stop working after pairing (with the blue indicator light flashing slowly), or if you want to pair a new remote control, please access "System Settings" - "HDMI Desktop" on the mobile app and initiate the "Bluetooth Remote Control Pairing" process.

Bluetooth Status Indicators:

Solid Red: awaiting pairing with remote control.
Slow Red Flash: retrieving data from paired remote.
Solid Blue: remote control paired successfully.
Slow Blue Flash: remote control in sleep mode or awaiting activation.
No Light: pairing function inactive.

*When HDMI is inserted correctly, the Bluetooth light will turn on, preventing Bluetooth pairing. To initiate pairing, remove the HDMI cable and wait for the Bluetooth light to turn off.
*Please keep a distance of 3 meters and ensure there are no obstructions when using the Bluetooth remote control.

Unify Drive Service

Mobile Photo Albums Backup

Mobile photo albums are backed up automatically. intelligent tool categorizes photos based on people, scenes, time and location. family sharing allows family members to view photos together.

Online Video Streaming

Online streaming supports mainstream video formats. Within the same local network, it supports Blu-ray and 4K streaming.

Instant File Sharing

Access and share files from Unify Drive anytime and anywhere.It's like having a fully functional, high-capacity, always-online laptop with you wherever you go.

Online Documents Editing

Enjoy the convenience of editing office documents online using both computers and mobile devices, with support for nearly all types of office documents.

Two-way Cloud Storage Backup

Download data to Unify Drive and encrypt files before uploading to cloud storage.

Real-Time Documents Syncing

You can automatically sync designated content from your office computer to UT2, and also ensure timely synchronization of office files across multiple office computers.

File Permission Control

"Team Space" offers controlled group usage permissions and file read/write permissions for team members, with a recycle bin mechanism in place to prevent malicious file deletion.

Safety Box

Storing identity card photos, driver's license photos, bank card numbers, commonly used passwords, private photos, and other sensitive information in the security Safety Box ensures encrypted protection and enhanced security.

Account and Data Relvant Instructions

What is an administrator?

The first account created upon device setup becomes the administrator. Administrators can create other user accounts and have higher-level hardware management permissions, allowing them to restrict access to certain hardware features for other accounts.

What is a local offline account?

al offline account is stored entirely on the user's local hard drive, and no information is stored or accessed by the Unify Drive cloud service. These accounts can only be accessed within a local area network environment and have limited access to Unify Drive cloud services. Local offline accounts can be upgraded to regular accounts usable on both the internet and local networks.

What is a regular account?

Regular accounts can only be registered using email. The Unify Drive cloud service maintains a record of the association between regular accounts and Unify Drive, enabling access to Unify Drive under various network conditions. Regular accounts can also be used in a pure local area network environment.

Can Administrators View Regular Account Content?

Unify Drive adheres to strict data security and privacy policies. Each user's content in their personal space is completely isolated from others, and administrators cannot view the content of other users. In "Team Space," administrators can set the team groups each user can access and the file read-write permissions for each group. Administrators can view the content uploaded by other users to "Team Space" and supervise their related activities in "Team Space."

Who has access to the shared content once it's been set up?

In the personal space, users can choose to share folders with either all users or specific individuals. If shared with specific users, only those designated individuals have permission to view and download the shared content. However, they do not have the ability to edit or delete the shared files.

User Data Privacy Protection

Protecting user data and maintaining user privacy are fundamental principles at Unify Drive. We do not share any user information with external parties without explicit consent from the user. More information is available in the Unify Drive Service Agreement and Privacy Policy.

FCC STATEMENT

Warning: Changes or modifications to this unit not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

For a Class B digital device or peripheral, the instructions furnished the user shall include the following orsimilar statement, placed in a prominent location in the text of the manual:

Note: 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 againstharmful interference in a residential installation. This equipment generates, uses and can radiate radiofrequency 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 aparticular 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 theinterference 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 equipment should be installed and operated with aminumum distance of 20 cm between the radiator andyour body.

The device has been evaluated to meet general RF exposure requirement.

UNIFYDRIVE

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