

Android Box ENJOY TV Dual Core HDMI Stick ATV120 User's Guide



Thank you for purchasing this Geniatech product. .Before using it, be sure to read the precautions contained in this User's Guide. .Keep the User's Guide in a safe place for future reference. .For the most up-to-date information about this product, visit official website at <u>http://www.geniatech.com</u>

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1. Safety Information

Read and understand all instructions before using this product. If damage is caused by failure to follow the instructions, the warranty does not apply.

1.1 Warning

To reduce the risk of electric shock, DO NOT remove the cover (or back).

DO NOT attempt to repair the product, this could lead to the risk of injury, damage to the product .

To reduce the risk of fire or electric shock, keep this product away from exposed direct sunlight, naked flames or heat, large amounts of moisture, dust, and sand. FCC Note (for U.S.A)

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 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.

- Consult the dealer or an experienced radio/TV technician for help.

- This class B digital product meets all requirements of the Canadian Interference - Causing Equipment Regulations.

1.2 Precautions

Important Safety Instructions

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below.

Keep these operating instructions handy for future reference.

1.2.1 Read these instructions.

1.2.2 Keep these instructions.

1.2.3 Heed all warnings.

1.2.4 Follow all instructions.

1.2.5 DO NOT use this apparatus near water.

1.2.6 DO NOT clean with any chemical detergent. Clean only with a dry cloth.

1.2.7 DO NOT block any ventilation openings. Install in accordance with the manufacturer's instructions.

1.2.8 DO NOT install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.

1.2.9 Protect the power cord from being walked on or pinched particularly at plugs,

convenience receptacles, and the point where it exits the apparatus.

1.2.10 Only use attachments/accessories specified by the manufacturer.

1.2.11 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

1.2.12 Unplug this apparatus during lightning storms or when unused for long period of time.

1.2.13 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

1.3 Handling Cautions

1.3.1 DO NOT expose this apparatus to dripping or splashing. Do not put objects filled with liquids, such as vases on the apparatus.

1.3.2 To turn this apparatus off completely, you must pull the power plug out of the wall socket. Consequently, the power plug must be easily and readily accessible at all times.

1.3.3 DO NOT plug multiple electric devices into the same wall socket. Overloading a socket can cause it to overheat, resulting in a fire.

1.3.4 Before connecting other components to this player, be sure to turn them off.

1.3.5 If the product makes an abnormal noise or produces a burning smell or smoke, turn off the power switch immediately and disconnect the power plug from the wall outlet. Then, contact the nearest customer service center for technical assistance. Do not use the product. Using the product as it is may cause a fire or an electric shock.

2. Introduction

2.1 Package Contents

Enjoy TV Dual Core HDMI Stick - ATV120 User's Guide IR Receiver Cable IR Remote Controller (IR RC) Optional Remote Controller 2.4G wireless Remote Controller USB wire/wireless Mouse & Keyboard

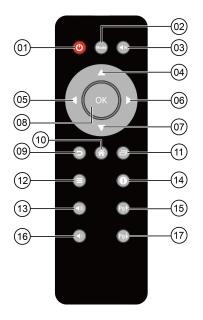
2.2 Product Features

- HDMI video output ,connect HDTV with Dual Core Stick ATV120 for HD 1080P video playback
- Dual Core ARM CORTEX A9*2, frequency is 1.5GHz,RAM 1G, built in 4G flash memory. Powered by Android 4.2 OS
- Connect to the internet with Google Chrome browser to access any website for entertainment, information or education
- Support flash player11, watch online video from YouTube, Netflix, Hulu, Amazon, or any local video sites and even video-on-demand services
- Chat with Facebook or Twitter, Skype and Yahoo message etc
- Access to Android app-store to download, install and run the huge number of Android applications that are available
- Stream HD videos, listen to music and display images from your local memory or from any computer on the home LAN network(wireless DLNA)
- Built in 802.11b/g/n WIFI module, 2G-32G flash memory(optional) and supports 3D Graphics
- Direct power supply via Mini USB port, no need of a power adaptor
- Unique mini PC design, the size of the product is similar with USB flash disk
- The TV stick Dual Core is being operated by an infrared remote control, you can use the receiver everywhere within the operating range
- Support USB mouse and keyboard operations and a simple IR remote control with mouse functions
- Support weather, calendar, and desktop clock gadgets
- App Installer for application installation from USB/Micro SD

2.3 Panel Introduction



2.4 Remote Controller



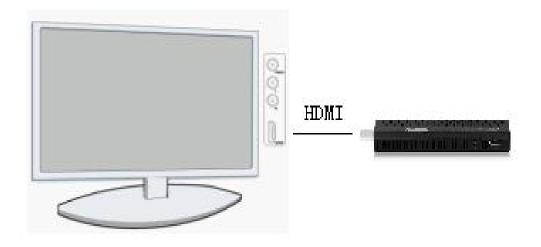
- 1 Power
- ② Mode
- **③** Mute
- **④** Upwards
- **⑤** Towards the left
- **⑥** Towards the right
- 7 Downwards
- 8 OK
- **9** Return

- 1 Home
- 1 Background App
- 1 Menu
- (1) Vol+
- Notification
- **(b)** Page Up
- 16 Vol-
- D Page Down

Note: Button Battery 2025 3V insert with correct polarity (+/-).

2.5 Setup Connection

Place ATV120 on a flat platform near the TV, and make sure nothing block the remote control signal.



2.6 Display when Power Up

2.6.1 After power up, the TV will first show a green robot then change to "android" logo during loading. When loading is finished, it will go to Home screen.



2.6.2 Home Screen display.



3. Settings

Using Navigation (4 directions), OK, EXIT, and Menu keys of Remote Controller to select the options, the option selected will be highlighted and confirmed by pressing OK key. Same operation for text input if needed.

Select icon then press OK key.

3.1 WiFi

3.1.1 It will automatically scan ambient WiFi networks when select "ON".

3.1.2 Connect an available WiFi network. If connect a secured WiFi network, corresponding password will be input firstly. Or fail to connect and need reset password.

3.1.3 Once build up the connection with a certain WiFi network successfully, ATV1220M will connect this WiFi network automatically when restart. Note: If factory reset, the password of WiFi network have to be reset.

| Set | tings | | ON | 67 | + | I |
|-----|---------------------|------------------|----|----|---|---|
| | WIRELESS & NETWORKS | | | | | |
| | 🗢 Wi-Fi | | | | | |
| | 8 Bluetooth | | | | | |
| | 🛃 Ethernet | | | | | |
| | 🕚 Data usage | | | | | |
| | More | | | | | |
| | DEVICE | Turning Wi-Fi on | | | | |
| | M Sound | | | | | |
| | Display | | | | | |
| | 🗮 Storage | | | | | |
| | 🖄 Apps | | | | | |
| | PERSONAL | | | | | |
| | Location access | | | | | |
| | | | | | | |

3.2 Ethernet

Connect Box and Router by RJ45 network cable.

Press "ON" in Ethernet setting, it will connect to network automatically.

3.3 Date usage

Show data usage information.

| Settings | | |
|---------------------|---|--|
| WIRELESS & NETWORKS | Data usage cycle Dec 5, 1969 – Jan 2, 1970 | |
| 🗢 Wi-Fi | | |
| Bluetooth | | |
| 📑 Ethernet | | |
| 🕚 Data usage | | |
| More | Dec 26, 1969 – Jan 2, 1970: about 0.00B used. | |
| DEVICE | No apps used data during this period. | |
| M Sound | | |
| Display | | |
| E Storage | | |
| Apps | | |
| PERSONAL | | |
| Occation access | | |
| | | |

3.4 More...

| | | ♡ 00:08 |
|---------------------|------------------------------|---------|
| Settings | | |
| | | |
| WIRELESS & NETWORKS | VPN | |
| 🗢 Wi-Fi | Tethering & portable hotspot | |
| Bluetooth | | |
| 🗊 Ethernet | Proxy settings | |
| O Data usage | | |
| More | | |
| DEVICE | | |
| M Sound | | |
| Display | | |
| 🖀 Storage | | |
| 🖄 Apps | | |
| PERSONAL | | |
| Location access | | |

3.4.1 VPN Build and set VPN 3.4.2 Tethering & Portable hotspot3.4.3 Proxy settingsSetup proxy server

3.5 Sound

| † | | 00:09 |
|---------------------|--|-------|
| Settings | | |
| WIRELESS & NETWORKS | Volumes | |
| 🗢 Wi-Fi | SYSTEM | |
| Bluetooth | Default notification sound Pixie Dust | |
| 🛃 Ethernet | Touch sounds | |
| O Data usage | SOUND DEVICES MANAGER | |
| More | Sound Input Devices | |
| DEVICE | | |
| 📢 Sound | Sound Output Devices | |
| Display | | |
| 🚍 Storage | | |
| 🖄 Apps | | |
| PERSONAL | | |
| Location access | | |
| | | |

3.6 Display

| Settings | | 00:09 |
|---|---|-------|
| WIRELESS & NETWORKS ♥ Wi-Fi Image Image Image More Device Image Image | Font size Normal Wireless display Disabled | |
| Apps PERSONAL | | |

3.6.1 Font size Change the font size of OSD

| WIRELESS & NETWORKS | | Font size Normal | | |
|--|-----------|---------------------|---|--|
| 🗢 Wi-Fi | | Wireless display | | |
| BluetoothEthernet | Font size | | | |
| Data usage | Small | | 0 | |
| More | Normal | | ۲ | |
| DEVICE | Large | | | |
| 🕪 Sound | Huge | | 0 | |
| 🚺 Display | | Cancel | | |
| Storage | | | | |
| 🖾 Apps | | | | |

3.6.2 Wireless display

3.7 Storage

Shows the storage used of the OS and SD card.

| tings | |
|---------------------|--|
| | INTERNAL STORAGE |
| WIRELESS & NETWORKS | |
| 🗢 Wi-Fi | |
| Bluetooth | Total space 2.26GB |
| 🛃 Ethernet | Available 2.1768 |
| 🕚 Data usage | |
| More | Apps (app data & media content) 52.53MB |
| DEVICE | Cached data |
| 🕀 Sound | 540КВ |
| Display | 20.00KB |
| | SD CARD |
| 🔳 Storage | Mount SD card |
| 🖄 Apps | Insert an SD card for mounting |
| PERSONAL | |
| Location access | |

3.8 Apps

List all apps installed.

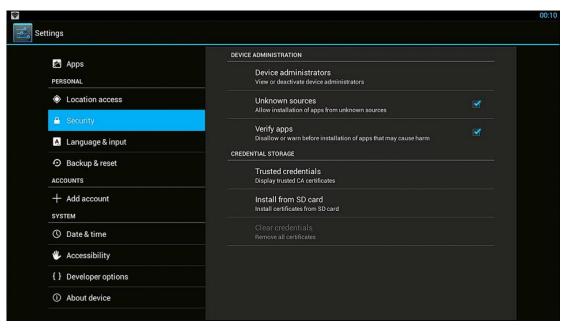
| \$ | | | | | 00:10 |
|--------------|-----------|-----------|------------------|------------|-------|
| Settings | | | | | |
| | | | DOWNLOADED | RUNNING | |
| WIRELESS & I | NETWORKS | | | | |
| 🗢 Wi-Fi | | | | | |
| Blueto | oth | | | | |
| 🛃 Ethern | et | | | | |
| 🕚 Data u | sage | | | | |
| More | | | | | |
| DEVICE | | | No apps. | | |
| 📢 Sound | | | | | |
| Displa | у | | | | |
| 🗮 Storag | e | | | | |
| 🖄 Apps | | | | | |
| PERSONAL | | | | | |
| Locati | on access | 85MB used | Internal storage | 2.2GB free | |
| | | | | | |

You can choose an application and force to shut down the app, uninstall the app, clear user data, move to SD card and clear cache data.

3.9 Location access

| Settings | |
|---|--|
| WIRELESS & NETWORKS ♥ Wi-Fi 8 Bluetooth | Access to my location Let apps that have asked your permission use your location information LOCATION SOURCES |
| 8 Bluetooth 2 Ethernet | Wi-Fi & mobile network location Let apps use Google's location service to estimate your location faster. Anonymous location data will be collected and sent to Google. |
| O Data usage | |
| DEVICE | |
| DisplayStorage | |
| Personal | |
| Location access Security | |

3.10 Security



3.11 Language & input

| Settings | | |
|------------------------------------|---|--|
| Apps | Language English (United States) | |
| PERSONAL O Location access | Spell checker 🕂 | |
| Security | Personal dictionary | |
| 📕 Language & input | KEYBOARD & INPUT METHODS | |
| D Backup & reset | Default English - Remote controller input method | |
| ACCOUNTS | Android keyboard (AOSP) | |
| + Add account | English (US) | |
| ③ Date & time | SPEECH | |
| 🖐 Accessibility | Text-to-speech output | |
| { } Developer options | MOUSE/TRACKPAD | |
| ① About device | Pointer speed | |
| | | |

Change OSD language and input method.

The default input method is android standard keyboard.

If you are using our IR remote control, enter into "Default" option and switch to remote controller input method.

3.12 Backup & reset

| A | BACKUP & RESTORE |
|-------------------|--|
| Apps sonal | Back up my data Back up app data, Wi-Fi passwords, and other settings to Google servers |
| Location access | Backup account Backing up to debug-only private cache |
| Security | |
| Language & input | Automatic restore When reinstalling an app, restore backed up settings and data |
| Backup & reset | PERSONAL DATA |
| OUNTS | Factory data reset Erases all data on device |
| Add account | |
| TEM . | |
| Date & time | |
| Accessibility | |
| Developer options | |
| About device | |

Back up my data:

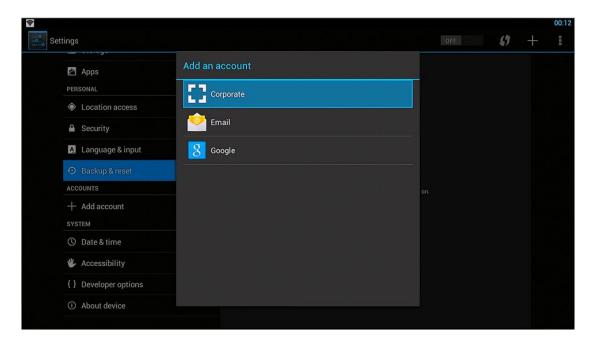
You can backup your application data, WiFi password and other settings.

Factory data rest:

You can reset all the settings and apps to factory default.

Note: You might want to backup important data before resetting the box. Once you choose to rest to factory default, all data/apps will be deleted.

3.13 Add account



3.14 Date & Time

Set date, time, time zone and time format

| + Add account Choose date format 12/31/1970 | |
|--|--|
| Cocation access Security Security Security Security Security Select time one GMT+00:00, GMT Use 24-hour format 13:00 Choose date format 12/31/1970 | |
| Security 00:12 A Language & input Select time zone GMT+00:00, GMT D Backup & reset Accounts Use 24-hour format 13:00 + Add account Choose date format 12/31/1970 | |
| Backup & reset GMT+00:00, GMT D Backup & reset Use 24-hour format 13:00 + Add account Choose date format 12/31/1970 | |
| Use 24-hour format 13:00 + Add account Choose date format 12/31/1970 | |
| ACCOUNTS 13:00 + Add account Choose date format 12/31/1970 | |
| 12/31/1970 | |
| SYSTEM | |
| O Date & time | |
| | |
| 4 Accessibility | |
| () Developer options | |

3.15 Accessibility

| 🖉 Apps | SERVICES | | |
|----------------------------------|---|-----------------------|--|
| PERSONAL | | No services installed | |
| Location access | SYSTEM | | |
| Security | Lar | ge text | |
| A Language & input | Need a screen reader? | | |
| Backup & reset Accounts | TalkBack provides spoken feedback to help blind and low-vision users. Do you want to install it for free from Android Market? | | |
| + Add account | Cancel | ок | |
| YSTEM | | | |
| O Date & time | | | |
| 🖐 Accessibility | | | |
| { } Developer options | | | |
| About device | | | |

3.16 Developer options

| ₽ | | 00:12 |
|--|---|-------|
| Settings | | ON |
| Apps | | |
| PERSONAL | Desktop backup password | |
| Location access | Desktop buckup password Desktop full backups aren't currently protected | |
| Security | Stay awake Screen will never sleep while charging | |
| A Language & input | Protect SD card Apps must request permission to read SD card | |
| Backup & reset | DEBUGGING | |
| ACCOUNTS | | |
| + Add account | USB debugging Debug mode when USB is connected | |
| SYSTEM | Power menu bug reports Include option in power menu for taking a bug report | |
| ① Date & time | | |
| Accessibility | Allow mock locations Allow mock locations | |
| {} Developer options | Select debug app No debug application set | |
| ① About device | Wait for debugger Debugged application waits for debugger to attach before executing | |
| | | |

If user want to do some debugging on box by ADB, enable USB debugging, you will get ADB function by Ethernet or WiFi network.

3.17 About device.

Firmware version under build number.

| Location access Legal information Location access Model number MBX reference board (stvmx) Language & input Android version 4.2.2 D Backup & reset Accounts Uboot version 28c21ab(20140410.170650) + Add account system Recovery version a3e76ab-4b913a1-dirty(20140410.172938) Verset & time 3.0.50-g4b913a1 jp@ubt124.a3e76ab-4b913a1(20140410.171633) W Accessibility Build number y0038001_20140410 | 🖄 Apps | Status Status of the battery, network, and other information | |
|--|-----------------------|---|--|
| ♦ Location access Model number MEX reference board (stvmx) Android version 4.2.2 Backup & reset Uboot version 28c21ab(20140410.170650) + Add account system Pecovery version a3e76ab-4b913a1-dirty(20140410.172938) Kernel version 3.0.50-94b913a1 jp@wbf124 a3e76ab-4b913a1(20140410.171633) W Accessibility Build number y0038001_20140410 | PERSONAL | L and information | |
| Security MBX reference board (stvmx) Language & input Android version Backup & reset 4.2.2 Uboot version 28c21ab(20140410.170650) + Add account Recovery version system 3.0.60-q4b913a1-dirty(20140410.171633) V Accessibility Build number v0038001_20140410 Build number v0038001_20140410 Y0038001_20140410 | Location access | Legal mormation | |
| A Language & input Android version 3 Backup & reset Uboot version 4.2.2 Uboot version 28 Counts 28c21ab(20140410.170650) + Add account Recovery version system 3.0 50-94b913a1-dirty(20140410.172938) V Accessibility Build number v0038001_20140410 Public | A Security | | |
| 4.2.2 • Backup & reset Accounts • Add account • Add account • SYSTEM • Date & time • Accessibility • Build number vois0001/20140410 | occurry | MBX reference board (stvmx) | |
| Backup & reset Accounts Uboot version 28c21ab(20140410.170650) + Add account system O Date & time Accessibility Build number y0038001_20140410 Voos8001_20140410 | A Language & input | | |
| Uboot version 28c21ab(20140410.170650) + Add account SYSTEM O Date & time 3.0.00-q4b913a1 20.0.00-q4b913a1 3.0.00-q4b913a1 3.0.00-q4b913a1 3.0.00-q4b913a1 W Accessibility Build number v0038001_20140410 | ~ | 4.2.2 | |
| ACCOUNTS 28e21ab(20140410.170650) + Add account Recovery version a3e76ab-4b913a1-dirty(20140410.172938) SYSTEM Kernel version 3.0.50-94b913a1 jp@ubt124.4asc/sab-4b913a1(20140410.171633) * Accessibility Build number V003B001_20140410 | Backup & reset | Uboot version | |
| a3e76ab-4b913a1-dirty(20140410.172938) System a3er6ab-4b913a1-dirty(20140410.172938) © Date & time S. 0.50-94b913a1 .jp@ub124 a3er6ab-4b913a1(20140410.171633) L Accessibility Build number voosBo01_20140410 | ACCOUNTS | | |
| a3e76ab-4b913a1-dirty(20140410.172938) System a3er6ab-4b913a1-dirty(20140410.172938) © Date & time S. 0.50-94b913a1 .jp@ub124 a3er6ab-4b913a1(20140410.171633) L Accessibility Build number voosBo01_20140410 | + Add account | Recovery version | |
| O Date & time So S0-944913a1 3.0.50-944913a1 jp@ubt124 a3676ab-45913a1(20140410.171633) U Accessibility Build number voolso01_20140410 | | | |
| jp@ubt124 a3c76ab-4b913a1(20140410.171633) Accessibility Build number v003B001_20140410 | SYSTEM | Kernel version | |
| Accessibility Build number V0038001_20140410 | ③ Date & time | 3.0.50-q4b913a1 | |
| V003B001_20140410 | ale a constant | jp@ubt124.a3e76ab-4b913a1(20140410.171633) | |
| | Accessibility | | |
| | { } Developer options | V0038001_20140410 | |

4. Apps Install & Uninstall

On ATV120, you can install apps from Android Market over the Internet or other sources, such as other online sources, the internal storage and the USB storage device and SD card that you have mounted onto ATV120.

You also can manage apps on ATV120 and SD card, install/uninstall apps, stop running apps, or select other options.

5. Firmware Update

You can download newest firmware from Geniatech Official website: <u>www.geniatech.com</u>

6. Trouble Shooting/FAQ

6.1 No Picture

Refer to the TV user manual for how to select the correct video input channel.

6.2 USB Content cannot be read

- . The format of USB storage device is not supported
- . The supported memory size is 32G maximum.
- . Make sure that this player supports these files.

6.3 Remote Controller cannot respond quickly to the pressing of keys

Make sure that batteries have enough power.

6.4 The firmware updating is not complete after a long time

If you update the firmware over the online service, it may take a long time to download the firmware update files from the server. To save your time, update the firmware through the SD card.

7. Repairs

If you contact us to repair your player, an administration fee may be charged if either:

An engineer is called out to your home at your request and there is no defect in the product.

You bring the unit to a repair center and there is no defect in the product.

We will provide you with the amount of the administration fee before we make a home visit or begin any work on your player.

We recommend you read this manual throughly, search for a solution on line at <u>www.geniatech.com</u>, or contact Geniatech Customer Care before seeking to repair your player.

8. Specification

| | - | | | | | |
|---|-------------------------------------|--|--|--|--|--|
| CPU | | al Core ARM Cortex A9 1.5GHz, 3D engine | | | | |
| GPU | | Mali 400MP2 @400MHz | | | | |
| RAM | | G DDR3 | | | | |
| ROM | 4G, 1 | 4G, built in 2G-32G Flash memory(optional) | | | | |
| OS | And | roid 4.2OS | | | | |
| Optional | al CEC | | | | | |
| | | | | | | |
| USB | | USB2.0 x1 + Micro USB x1 | | | | |
| HDMI | | V1.4a | | | | |
| DC Input | | Micro USB Power Supply | | | | |
| SD Slot | | Max: 32G | | | | |
| Video Out | put | HDMI | | | | |
| Audio Out | put | HDMI | | | | |
| IR receive | r | | | | | |
| | | | | | | |
| LAN | | USB to Etherne | et Adaptor (optional) | | | |
| WiFi | | IEEE 802.1 1B/ | | | | |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | 0/11/2.10 | | | |
| Audio Dec | oder | MPEG | MP1, MP2, MP3 | | | |
| | | WMA | WMA Ver: 4, 4.1, 7, 8, 9 WMA Pro | | | |
| | | Other Audio | WAV, OGG, OGA, FLAC, ALAC, Ape, AAC, M4A, AC3, DTS, RM | | | |
| Video Dec | oder | Performance | Max. 1920x1080p @ 30fps | | | |
| | | MPEG | DAT, MPEG, MPG, MPE | | | |
| | | MPEG2 | MPEG, MPE, MPG, M2V, ISD, TS, VOB | | | |
| | | MPEG4 | AVI, MOV, MP4, MKV, 3GP, 3GPP, FLC | | | |
| | | Divx | Divx 3, 4, 5(AVI), Xvid(AVI) | | | |
| | | H.264 | AVI, MOV, MP4, MKV, TS, M2TS, M3TS, M4TS, | | | |
| | | | M5TS, MTS, M4V, FLV | | | |
| | | Н.263 | AVI, FLV, 3GP, 3GPP, MOV, MP4, 3G2 | | | |
| | | VC1 | AVI, TS | | | |
| | | WMV | WMV, AVI | | | |
| Image | | Memory limitation, 8000x8000 pixels | | | | |
| | | JPG/JPEG/BN | • | | | |
| | | | now and Zoom | | | |
| Movie Sub | title | Font Sub-title | | | | |
| | , unite | Image Sub-tit | | | | |
| G(G | | | | | | |
| Storage Sy | stem FAT16, FAT32, EXT2, EXT3, NTFS | | | | | |
| Cino | | 00 | | | | |
| Size | | 90x33x12mm | | | | |
| Net Weigh | ι | 34g | | | | |
| | | | | | | |



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