

AVerMedia

EzRecorder 530

CR530



English
Français
Deutsch
Italiano
Español
Português

User Manual

European Community Compliance Statement



Class B

This product is herewith confirmed to comply with the requirements set out in the Council Directives on the approximation of the laws of the Member States relating to Electromagnetic Compatibility Directive (EMC) 2004/108/EC, Low Voltage Directive (LVD) 2006/95/EC and Energy-related Products Directive (ErP) 2009/125/EC.

Responsible manufacturer:

AVerMedia Technologies, Inc.

No. 135, Jian 1st Rd., Zhonghe Dist., New Taipei City 23585, Taiwan

TEL: +886-2-2226-3630

European Community contact:

AVerMedia Technologies Europe B.V.

Kwartsweg 50, 2665 NN, Bleiswijk, The Netherlands

Technical Support: <http://www.avermedia.com/avertv/Support/>

FCC NOTICE (Class B)



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.

Federal Communications Commission Statement

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 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 tuning 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/television technician for help.

CAUTION ON MODIFICATIONS

To comply with the limits for the Class B digital device, pursuant to Part 15 of the FCC Rules, this device must be installed in computer equipment certified to comply with the Class B limits. All cables used to connect the computer and peripherals must be shielded and grounded. Operation with non-certified computers or non-shielded cables may result in interference to radio or television reception.

Changes and modifications not expressly approved by the manufacturer or registrant of the equipment can void your authority to operate the equipment under Federal Communications Commission rules.

Responsible manufacturer:

AVerMedia Technologies, Inc.

No. 135, Jian 1st Rd., Zhonghe Dist., New Taipei City 23585, Taiwan

TEL: +886-2-2226-3630

USA Office contact:

AVerMedia Technologies U.S.A.

47358 Fremont Blvd., Fremont, CA 94538

Technical Support: <http://www.avermedia.com/avertv/Support/>

CAN ICES-3 (B)/NMB-3(B)

1. Dispositif de sécurité - Ne pas modifier
2. Utilisez uniquement les cordons et les boîtiers d'alimentation fournis par le fabricant du produit.
3. N'enroulez jamais un cordon d'alimentation autour du boîtier d'alimentation ou de tout autre objet.
4. Connectez toujours les cordons d'alimentation et les câbles d'interface dans le bon ordre et assurez-vous que tous leurs connecteurs sont bien enfoncés et fixés dans les prises.
5. N'utilisez pas de boîtiers d'alimentation présentant des signes de corrosion sur les broches d'entrée secteur ou des signes de surchauffe.
6. Evitez d'exposer le cordon et les boîtiers d'alimentation à des liquides.

JAPAN- VCCI Class B Mark



VCCI Class B Statement

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BSMI Declaration of Conformity



D33183

⚠ 重要安全說明

- 仔細閱讀這些說明。
- 妥善保存這些說明。
- 遵守所有的指示。
- 注意所有的警告。
- 請勿將本產品安裝於不平穩的表面。
- 請勿在潮濕或靠近水的地方使用本產品。
- 清潔前請拔除電源。僅使用乾布清潔。
- 請於通風的環境使用本產品。請勿堵住通風口。
- 請於規格溫度範圍內使用本產品。
- 請使用額訂電壓範圍內的電源。
- 請勿放置重物於本產品上。
- 請勿安裝於熱源附近如暖器或火爐旁。
- 請勿破壞極性或接地插頭的安全防護設計。
- 請保護電源線，物使其被踩踏或碾壓，特別是與插頭或變壓器的連接處。
- 僅使用製造商指定的配件及零件。
- 打雷或長時間不使用時請拔除電源。
- 請勿以任何方式改造或拆解本產品。
- 如需維修請洽合格維修人員。
- 請勿當作家庭垃圾任意丟棄。請遵從當地環境法規妥善處理。

WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE)



The mark of Crossed-out wheeled bin indicates that this product must not be disposed of with your other household waste. Instead, you need to dispose of the waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. For more information about where to drop off your waste equipment for recycling, please contact your household waste disposal service or the shop where you purchased the product.

Important Safety Instructions

- 1.) Read these instructions.
- 2.) Keep these instructions.
- 3.) Pay attention to all warnings.
- 4.) Follow all instructions.
- 5.) Do not use this apparatus near water.
- 6.) Clean only with dry cloth.
- 7.) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8.) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9.) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third rounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10.) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11.) Only use the attachments/accessories specified by the manufacturer.
- 12.) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 13.) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as 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.

WARNING

To prevent fire or shock hazard do not expose the unit to rain or moisture. Dangerously high voltages are present inside the unit. Do not open the unit. Refer servicing to qualified personnel only.



Battery Safety Information

- Use of carbon-zinc battery for remote control is strongly recommended.
- Use of other types of batteries, such as alkaline or rechargeable (nickel-cadmium), may cause battery current overload or battery leakage and corrosion which can damage the remote control.
- Store the batteries in a cool dry place.
- Do not dispose of used batteries in domestic waste. Dispose of batteries at special collection points or return to point of sale if applies.
- Remove the batteries during long periods of non-use. Always remove exhausted batteries from the remote control. Battery leakage and corrosion can damage this remote control, dispose of batteries safely.
- Do not mix old and new batteries.
- Do not mix different types of batteries: alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium).
- Do not dispose of batteries in a fire. The batteries may explode or leak.
- Never short circuit the battery terminals.

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International Headquarter Office

Address: No.135, Jian 1st Rd., Zhonghe Dist., New Taipei City 23585, Taiwan (R.O.C.)

Website: www.avermedia.com/

Tel: +886-2-2226-3630

Specifications

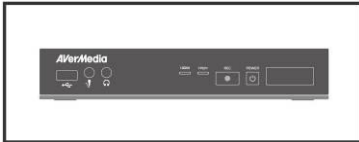
Product Name	Capture Box
Model No.	CR530
Power	
Input Rating	12 V $\overline{\text{---}}$ 1.5 A
Power Consumption	< 7 W (power consumption of hard drive not included)
Standby Power Consumption	< 0.5 W
Adapter Rating	Input: 100–240 V~, 50–60 Hz 0.5 A, Max. Output: 12 V $\overline{\text{---}}$ 1.5 A
Dimension	
Size	190 mm (W) x 33.5 mm (H) x 152.5 mm (D)
Weight	421 g
Environmental Condition	
Operating Temperature	0–40°C

System Requirements

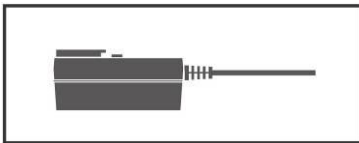
- TV/monitor with HDMI input
- TV/monitor with 720p or 1080p (recommended) resolution
- Video device with component video (YPrPb) or HDMI output
- NTFS-formatted hard drive with capacity greater than 500 GB (maximum supported capacity: 2 TB)
- Hard drive is highly preferred over flash drive to minimize the risk of recording failure

Chapter 1 Package Contents

Please confirm that the package contains the following items. If any of the package contents are missing or damaged, please contact the distributor immediately.



EzRecorder 530 Capture Box



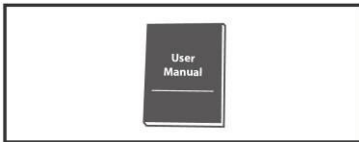
Power Adapter



Power Adapter Outlet Module



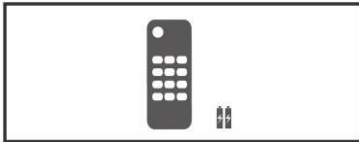
HDMI Cable



User Manual



Quick Guide





Remote Control (Batteries Included)



- The accessories that come with the package may vary slightly depending on different sales regions.
- The capture box is made for record and capture media materials that are legally owned or licensed by the user only. Any violation of copyrights or other intellectual property rights is not allowed.
- AVerMedia regularly releases the latest version of firmware for the capture box. Having the latest firmware enhances the functionality of the capture box. To download the latest firmware file, please go to www.avermedia.com and then enter the model name in Product Search field. Firmware file is available on the product information page (See Chapter 6.2 for details).
- If problems are encountered, refer to FAQ section at www.avermedia.com for further troubleshooting.

1.1 Other Items You Need

In order to fully enjoy the recording and capturing functions of the capture box, you will need to have the following items prepared:

Item	You need the item to...	
	Storage Device	Save recordings and snapshots
	RJ45 Cable	Download time and location from the Internet

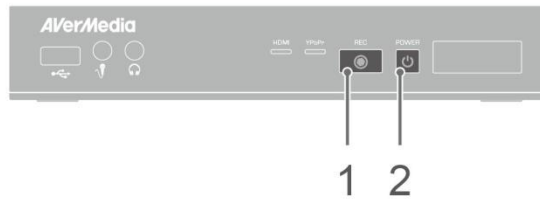




- For further support, refer to www.avermedia.com for latest update.

Chapter 2 The Unit Parts

2.1 Front Panel

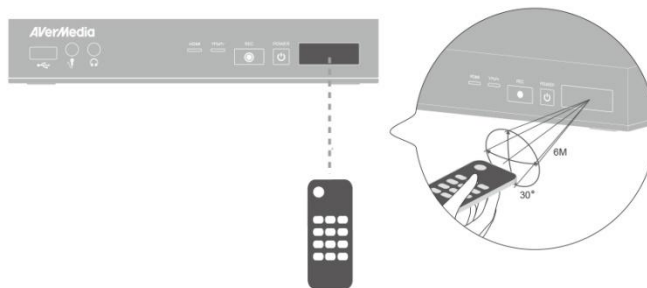
The button panel found on the front of the unit provides quick access to commonly used functions.



#	Buttons	Descriptions
1		<p>Record</p> <p>Press to start / stop recording.</p>
2		<p>Power</p> <p>Press to turn the unit on.</p> <p>Hold down the button for 4 seconds to forcibly shut down the capture box.</p>

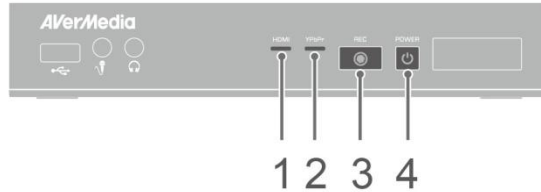
2.2 Infrared Sensor

When using the remote control, aim it at the infrared (IR) sensor located at the front panel of the unit. The remote control must be held at an angle within 30 degrees perpendicular to the IR sensor to function correctly. The distance between the remote control and the sensor should not exceed 6 meters (20 feet).



2.3 LED Indicator

The LED indicators on the front of the unit show the device's status.



1 HDMI source LED indicator

2 YPbPr source LED indicator

3 Record status LED indicator

4 Power status LED indicator

Condition	Source	Record	Power
Powered on			Solid green
Ready to record/snapshot	Solid green		Solid green
Recording	Solid green	Flashes red slowly	Solid green
Take a snapshot	Flashes red once	Flashes red once	Flashes green once
Unable to record/snapshot	Solid green		Flashes green continuously
No source			Flashes green continuously
Source is available	Solid green		
Power off in progress	Solid green		Flashes green continuously
A/V pass through on when powered off	Solid orange		
Pause recording	Solid green	Solid red	Solid green
Record finish in progress	Solid green	Flashes red continuously	Solid green

Condition	Source	Record	Power
Storage space is low	Solid green	Flashes red rapidly	Solid green
Device is not ready			Flashes green continuously
Problems like no storage / no signal / protected content			Flashes green continuously
Accepting a remote control command			Flashes green once

Press [F1] to obtain LED light indicator status.

2.4 Connection Ports

2.4.1 Front View



1 USB slot

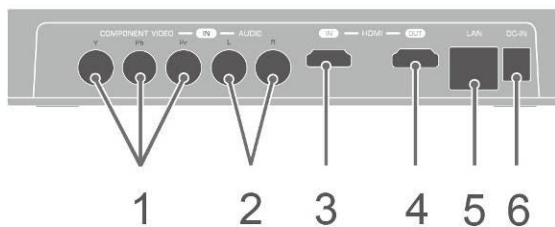
2 MIC input

3 Headphone output



- USB slot is for external HDD storage device connection as well as for firmware upgrade via storage device.
- USB hub is not supported.
- There will be no function or reply when connecting the capture box to the computer via USB.

2.4.2 Rear View



1 Component video input

2 Audio L/R input

3 HDMI input

4 HDMI output






5 LAN port




















6 DC-IN

Chapter 3 The Remote Control

The descriptions below show the deployment of the keys on the remote control.



#	Buttons	Descriptions
1		Press to turn the unit on / into stand-by mode.
2		Press to access the main menu. Press again to exit.
3		Press the navigation keys to move among options. Press OK to confirm a selection.
4		Press to play the latest recorded file or view the last captured image.
5		Press to start/ stop recording.

6		Press to start playing the selected file. Press to play the file at normal (1x) speed when slow motion, rewind, or fast-forward is active.
7		Press to stop the playback/ recording.
8		Press to rewind (2x, 4x, 8x, 16x, 32x).
9		Press to return to the previous page.
10		Press to display the video/ snapshot quality adjustment screen. Press again to exit.
11		Press to safely remove external hard disk in Menu. (Follow the on-screen instruction)
12		(Follow the on-screen instruction)
13		(Follow the on-screen instruction)
14		Press to switch between Component and HDMI sources.
15		Press to display onscreen information, including mode, source and audio sources.
16		Press to exit the current page and return to the previous page.
17		Press to take a snapshot during video playback or recording.
18		Press to pause the playback. Press OK or  to resume playback. Press to pause the recording.
19		Press to play the video in slow motion (1/2x). Press again to enter frame- by- frame mode (See p.27 for details).
20		Press to fast-forward (2x, 4x, 8x, 16x, 32x).
21		Press to go to the next page.
22		Press to delete the selected files.
23		Press to display the disk information. Press again to hide it.

Chapter 4 Installation & First Time Setup

4.1 Supported Resolutions

The capture box supports Component (YPbPr) and HDMI input resolution as follows:

HDMI / Component (YPbPr)
480i/576i
480p/576p
720p (50 & 60 Hz)
1080i (50 & 60 Hz)
1080p (24, 25, 30, 50 & 60 Hz) *

* Component only supports 1080p (50 & 60 Hz)

The capture box records in the same resolution as the display resolution under most circumstances. Exceptions can only be found when the source resolution is set to 1080p. The discrepancy is due to the TV not supporting 1080p (30 fps) playback, which results in an automatic drop in display resolution to 1080i (60 fps). However, such change will not affect the resolution of your recorded file – 1080p (30 fps).

Source Resolution	Display Resolution	Recorded Resolution
1080p (60 fps)	1080i (60 fps)	1080p (30 fps)
1080p (50 fps)	1080i (50 fps)	1080p (25 fps)
1080p (30 fps)	1080i (60 fps)	1080p (30 fps)
1080p (25 fps)	1080i (50 fps)	1080p (25 fps)
1080p (24 fps)	1080p (24 fps) *	1080p (24 fps)

* Requires a monitor or TV that supports 1080p 24 fps



Estimated recording duration for different video quality settings:

HD 1080p

Video Quality Storage Capacity	Optimal (20 Mbps)	Good (18 Mbps)	Maximum Recording Length (15 Mbps)
1 TB	100 hrs	110 hrs	125 hrs
2 TB	200 hrs	220 hrs	250 hrs

HD 720P

Video Quality Storage Capacity	Optimal (20 Mbps)	Good (15 Mbps)	Maximum Recording Length (10 Mbps)
1 TB	100 hrs	125hrs	200 hrs
2 TB	200 hrs	250 hrs	400 hrs

HD 1080i

Video Quality Storage Capacity	Optimal (15 Mbps)	Good (12 Mbps)	Maximum Recording Length (10 Mbps)
1 TB	125 hrs	150 hrs	200 hrs
2 TB	250 hrs	300 hrs	400 hrs

SD 480i(576i)/480P(576P)

Video Quality Storage Capacity	Optimal (7.5 Mbps)	Good (5 Mbps)	Maximum Recording Length (3 Mbps)
1 TB	250 hrs	400 hrs	650 hrs
2 TB	500 hrs	800 hrs	1300 hrs

- Recording with higher video quality takes up more disk space.

4.2 Hardware Installation

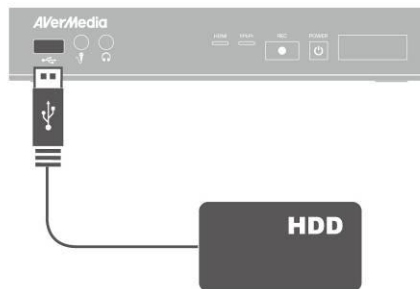
Please refer to Quick Installation Guide or download full User Manual on AVerMedia website at www.avermedia.com.

4.3 Storage Device Installation

The capture box supports 2.5 inch internal hard drive and external USB storage device. You can save the recorded files and snapshots either to the internal HDD or external one.

4.3.1 USB Storage Device Insertion

Connect your portable USB hard drive to the USB port on the front of the capture box



- It is highly recommended to use a NTFS format hard drive instead of a flash drive to minimize the risk of recording failure.
- To avoid any possible data loss, go to main menu and press **[F1]** of your remote control to safely remove the external storage disk before unplugging it from the capture box.

4.3.2 HDD Installation and Removal



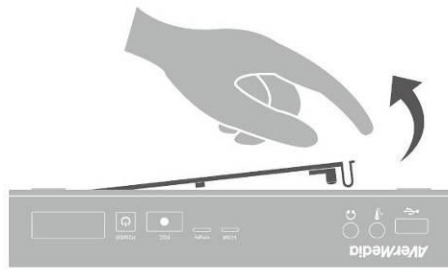
- It is highly recommended to use a new unformatted hard drive or a hard drive formatted as NTFS file system. The maximum supported storage capacity of the hard drive is 2 TB.
- Before installing or removing the internal HDD, please disconnect the power supply from the capture box to avoid data loss.
- Removing internal HDD immediately after powering-off may cause personal injury due to heat. Please wait until the HDD cools down completely (it takes approximately 10 minutes) before any attempt to remove it.

To install the internal HDD:

Step 1

Remove the HDD Lid

Open the HDD lid on the bottom of the capture box.



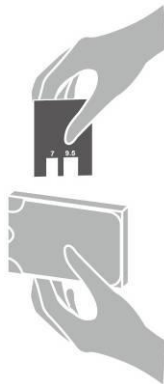
Step 2

Before Installing Internal HDD

Use the measuring card to measure the height of your HDD (7 mm or 9.5 mm).



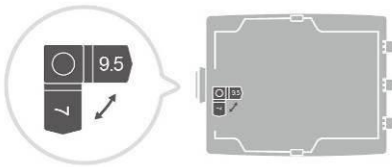
- Please refer to the *Appendix B* for the measuring card.



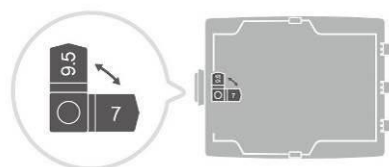
Adjust the rotary knob attached to the inner side of the lid to fit the height of your HDD.

The default position of the rotary knob fits HDD with 9.5 mm height. If you use HDD with 7 mm / 9.5 mm height, rotate the rotary knob to the other direction.

Using a 9.5 mm HDD:

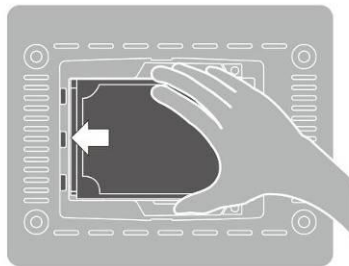


Using a 7 mm HDD:

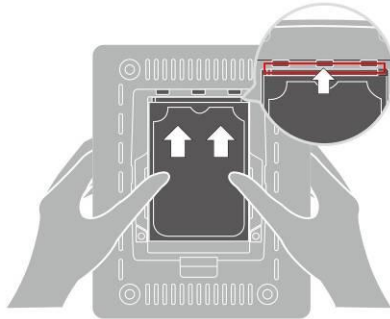


Step 3 **Inserting the HDD**

Place the HDD on the slot with the sticker-side facing up and the HDD connector end facing to the left.

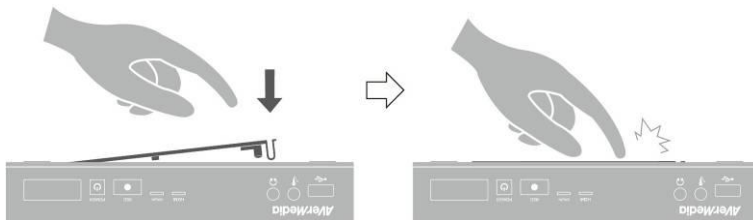


Align and insert the HDD connectors all the way into the SATA connector. Push in firmly to secure them.



Step 4 **Replace the HDD Lid**

Place the HDD lid back and snap it into place.



To remove the internal HDD:

Please refer to Quick Installation Guide or download full User Manual on AVerMedia website at www.avermedia.com.

4.4 Setup Wizard

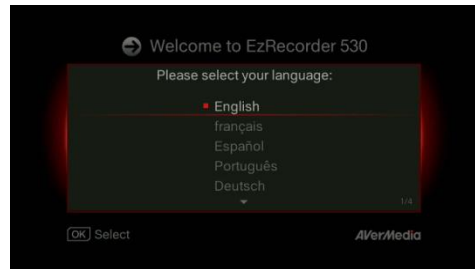
When the first time you power on the capture box unit, the setup wizard appears. The following steps will guide you through the initial configuration process.



- Make sure to install a hard drive (internal or external) and to connect to the internet beforehand.
- For the first-time initialization, a short duration of black screen (approximately 20 seconds) is followed by AVerMedia logo. The blinking green status light indicates that the capture box is starting up. Please wait until the welcome screen appears.

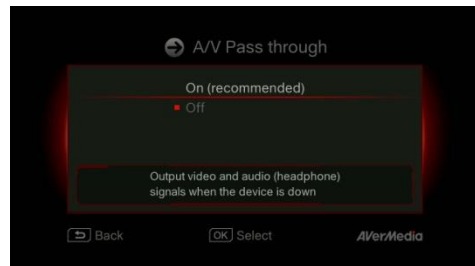
Step 1 Setting up Language

When the welcome page appears, use ▲/▼ to select your preferred language. Press **OK** to confirm.



Step 2 A/V Pass Thru.

It is suggested that A/V Pass Through to be turned **ON**.



Step 3 (1)

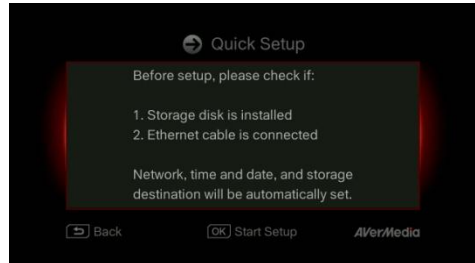
Reminder

Make sure a NTFS-formatted hard drive is connected or installed to the device. (For details, see Chapter 4.3)

Check the connection of network.

Press **OK** to start setup.

A router which supports DHCP IP network is recommended. Also, refer to Ch. 6.3 for manual connection setup.



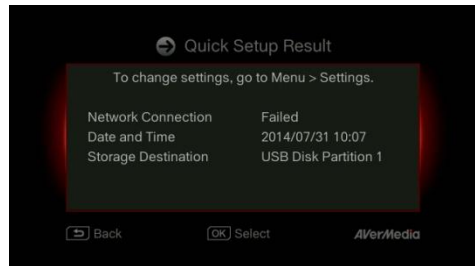
Step 3 (2)

Network Connection Failure

If you have not connected to a valid network, a short result of failed network connection will be shown.

Press **OK** to continue.

Press ^{BACK} ↩ to go back to the previous page.



Step 4

No Hard Drive Detected

If you have not yet installed any storage device, install it before continuing the setup process.

Then press ^{BACK} ↩ to go to the previous screen and press **OK** to run disk checking process.

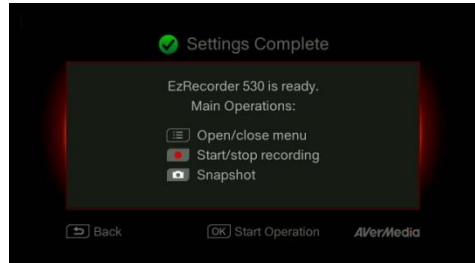


Step 4 (2)

Finishing Setup Wizard

Once a NTFS-formatted hard drive is connected, a Settings Complete notice will be shown.

You can start to record and take snapshot right away. Press **OK** to exit the wizard and start using the capture box. The video screen then appears.



- Unplug the capture box from the power supply before installing an internal HDD.
- Sometimes the connection test in Wizard will appear to be failed even though you have connected the RJ45 cable to the capture box. Go to **Menu > Network > Network Settings > Manually Setup** to set the network manually.

Chapter 5

Basic Operation

This chapter guides you to record video, capture images, add voice commentary to videos, and instantly play files.



- All the recorded files or snapshots will be saved to the default hard drive destination automatically. Please see Chapter 6 for details.

5.1 Record and Capture

The capture box lets you record, capture and adds voice commentary to the videos. Instructions are given as follows.



The capture box displays video in real-time and standard mode. You can change the default real-time mode to standard mode. Go to **Menu > Settings > Display Mode**. (Refer to Chapter 6.2 for details.)

OSD Menu



Descriptions


Instant Recording

Press  to activate instant recording.

Press  again or  to stop recording.


Pause and resume recording

You can skip unwanted footages and resume recording. Only the footages you recorded will be saved and those skipped clips will be deleted automatically.


Press  to pause recording.


Press  or  to continue recording.


Quick/Burst Snapshot During Recording

Press  to capture current image. Burst snapshot can be set in Settings to take 1, 3, 5, or 7 consecutive snapshots.

Instant Playback

Press  to play the latest recorded file or view the last captured image.

Press  to stop the playback.

Press  to skip forward 30 seconds.

Press  to skip backward 10 seconds.





Image Capture During Video Playback

Way 1:




Press  to capture current image.

Way 2:


Step 1:

Press  to play the video in slow motion (1/2x). Press  again to view the video frame by frame.


or

Press  to pause the playback. Press  to go to previous frame; press  to go to next frame.

Step 2:

Press  to capture your desired image.

Disk Information

Press  then press **OK** to display the disk information. Press again to hide it.

5.2 Adding Commentary

This section shows you how voice commentary is added to your video recording.

Requirements for headset/microphone:

Headset

Connector: 3.5 mm jack

Microphone

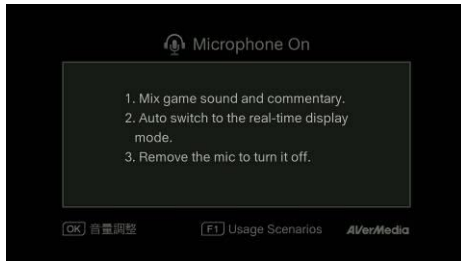
Frequency Response : 20–16 kHz

Impedance: 2.0 K Ω

Working Voltage: 3 V


Connector: 3.5 mm jack


OSD Menu



Descriptions

Microphone On

An OSD will be shown if you connected microphone to the capture box. Your commentary will only be recorded when you press .

Press  to record your video with commentary.

Press  or  to stop recording.



- If headset or microphone is plugged in during the Wizard Setup, the sound can only be heard from your headphone and instructions on voice commentary will not be displayed. Therefore, plug in headset or microphone after you complete Wizard setup so as to follow the headphone/ microphone instructions.
- All commentary added will be mixed with the video sound. Also, as long as the headphone is connected to the device, all your commentary and background sound will be recorded. Therefore, remember to stop recording and remove the headphone when no commentary is needed.
- If the microphone is disconnected or connected to the capture box during recording, the sound will also be recorded. Please avoid plugging or unplugging the microphone during recording.
- The volume you hear in the commentary test may be slightly different from the actual recording. It is recommended that you run a mock test beforehand to be familiar with the recorded volume.
- It is normal to hear your own voice when recording with HDMI input source.
- No OSD will be shown when you connect only the headphone to the capture box.

Chapter 6 OSD Menu

Under the menu, you can check and manage both your recorded files and snapshots, and customize your preferences.



1 Remaining Time for Recording

2 Network Connection


3 Current Time

OSD Menu




Descriptions

Basic Operation

Press ^{MENU}  to bring up the menu.

Press ^{MENU}  or ^{BACK}  to return to the video screen.

Use **▲/▼** to make selection on the menu and **OK** to enter a submenu.

In the submenu, use **▲/▼** to make selection and **OK** to confirm. Press ^{BACK}  to return to the previous page.

Press **F1** to safely remove the storage device..

*The upper left corner shows your current default storage device and available remaining recording

6.1 Media Studio

You can check both recordings and snapshots captured by the capture box in “Media Studio”.

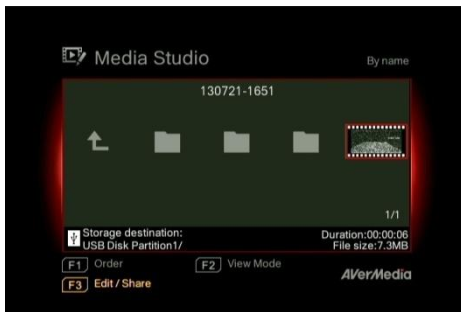
Capture Format:

Video	AVI (Codec: H.264 format with MP3 audio)
Image	JPEG



- It is recommended that you view only videos and snapshots that are recorded by the capture box. Attempt to open files taken by other equipment (such as a camera) on the capture box is very likely to fail.

OSD Menu



Descriptions

Navigating

Use the navigation keys ◀/▶/▲/▼ to select among items.

Press **F1** to sort the files by name, size, format, or modified date.

Press **F2** to switch between list mode and thumbnail mode.

Press **F3** to rename, edit, share the highlighted file.

Press to go to the next page.

Press return to the previous page.

Press to directly access the main menu.

Video Playback

Press or **OK** to start playing the selected video.

Press or **OK** to pause the playback. Press or **OK** to resume playback.

Press to play the video in slow motion


(1/2x).


Press to rewind at 2x, 4x, 8x, 16x, 32x speed.


Press to fast forward at 2x, 4x, 8x, 16x,



32x speed.

Press  to play the file at normal (1x) speed when slow motion, rewind, or fast-forward is active.

Press  to stop the playback.



Press  to display the playback information, including storage disk, recording resolution, duration, elapsed and remaining time, and file name.

* Only video files captured by the capture box are supported.



Snapshots Viewing

Press  or **OK** to view the selected image.

Press  or  to return.

* Only image files captured by the capture box are supported.

6.2 File Management

Please refer to Quick Installation Guide or download full User Manual on AVerMedia website at www.avermedia.com.

6.3 Settings

You can customize your preferences in “Settings”.

OSD Menu



Descriptions

Basic Operation

Use ▲/▼ to select a preferred category. Press **OK** to make a selection.

Press ^{BACK} ↶ to return to the previous page.

Press ^{MENU} ≡ to directly access the main menu.

Press **F1** to safely remove the storage device.

OSD Menu

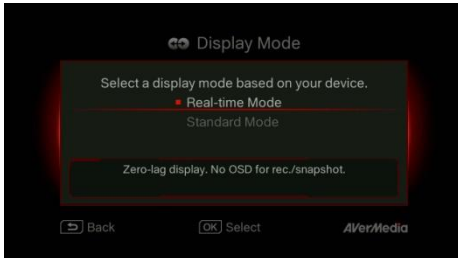


Descriptions

Language

Use ▲/▼ to select your preferred language.
Press **OK** to confirm.

OSD Menu



Descriptions

Display Mode


The default mode is set as real-time mode.

Use ▲/▼ to switch between real-time and standard mode.

Real-Time Mode

Real-time mode lets you play videos with zero delay. No recording or snapshot status will be shown on screen. All capture work will run in the background.

However, if any problem occurs during the capturing process, OSD will automatically jump out.

Press ^{MENU}  to check OSD and track capture status.

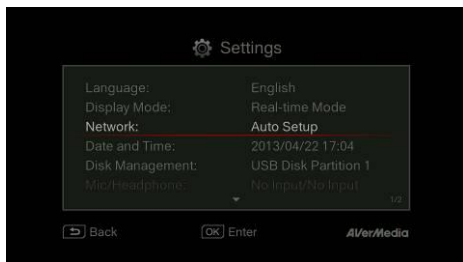
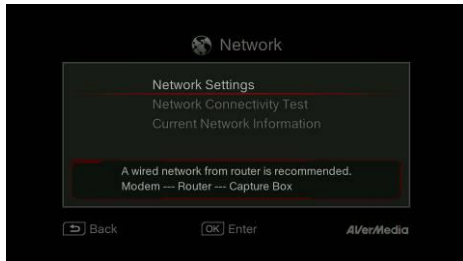
Standard Mode

In standard mode, on-going recordings will be shown in the upper right corner of the screen. As there will be a slight delay in video, standard mode is recommended for set-top box.



- Black screen may occur when calling for Menu in real-time mode. And the pause varies by TV type.

OSD Menu



Descriptions

Network Settings

Use ▲/▼ to move among options. Press **OK** to confirm. Before setup, please make sure the Ethernet cable is well connected.

Auto Setup (Recommended) :

It is recommended to use Auto Setup to automatically obtain IP and DNS addresses.

Manual Setup :

Use Manual Setup to manually configure IP and DNS addresses.

STEP 1:

Use ▲/▼ to select an item for configuration. Press **OK** to confirm.

STEP 2:

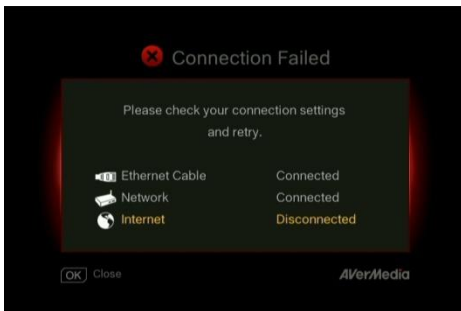
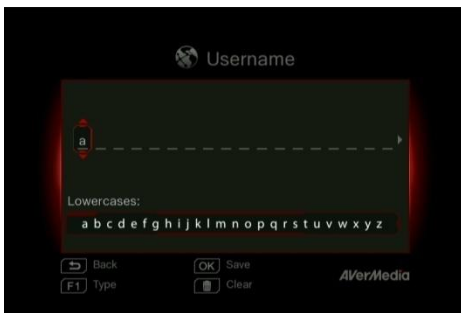
Use ◀/▶ to move among options and ▲/▼ to select a number. Press **OK** to confirm.

Press **OK** to save the setting.

Press ^{BACK} to cancel and return to the previous page.

STEP 3:

Press **F1** to save the settings and test the network connectivity.



PPPoE :

Use username and password provided by ISP for connection.

STEP 1:

Use ▲/▼ to select an item for configuration.
Press **OK** to confirm.


STEP 2:

Use ◀/▶ to move among options and ▲/▼ to select a character.

Press **F1** to switch among capital letters, lower cases, numbers, or signs.

Press **OK** to save the setting.

Press ^{BACK} ↶ to cancel and return to the previous page.

Press  to delete selected characters and the character to the right.

STEP 3:

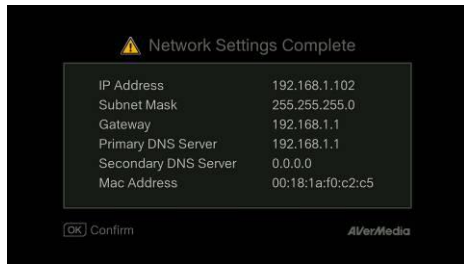
Press **F1** to save the settings and test the network connectivity.

Network Connectivity Test

Select to test your network connectivity.

Please check the result and fix the problem indicated.

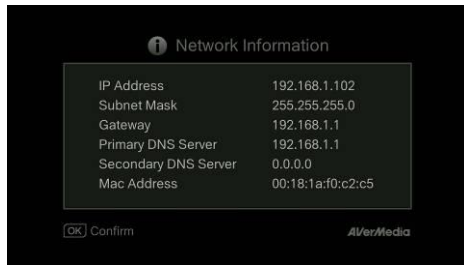
Press **OK** to confirm.



Network Connectivity Test

Once network setting is completed, a list of connection details will be displayed.

Press **OK** to confirm.



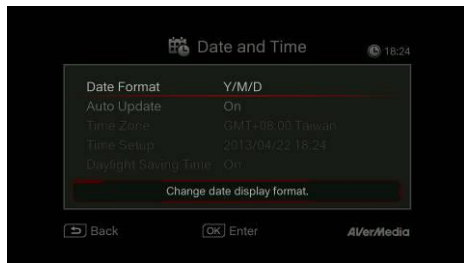
Current Network Information

This page displays the current status of your network connection.



- If network is temporarily inaccessible, manually set up the time zone settings so that the videos and snapshots is named correctly.

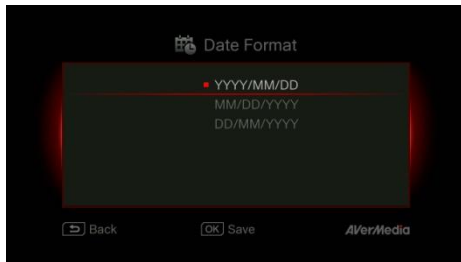
OSD Menu



Descriptions

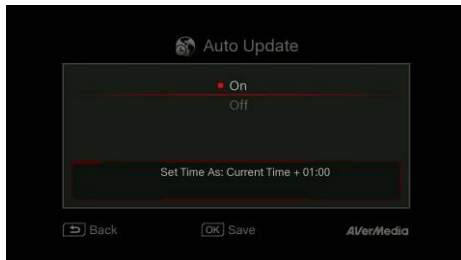
Date and Time

Use **▲/▼** to select an item for configuration.
Press **OK** to confirm.



Date Format :

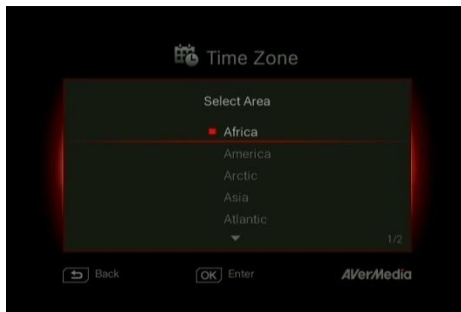
Use ▲/▼ to select a preferred date format.
Press **OK** to confirm.



Auto Update :

Use ▲/▼ to enable/disable automatic date and time update. Press **OK** to confirm.

*To use this function, a network connection is required.



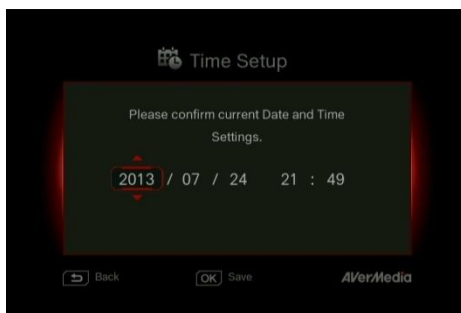
Time Zone :

STEP 1:

Use ▲/▼ to move among options and select your area. Press **OK** to confirm.

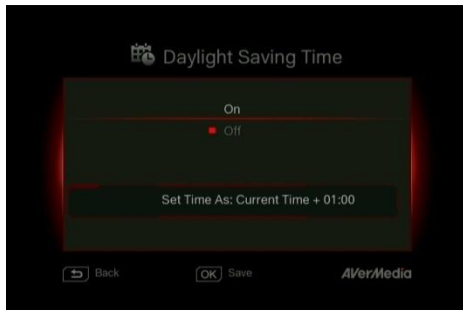
STEP 2:

Use ▲/▼ to move among options and select your time zone. Press **OK** to confirm.



Time Setup :

Use ◀/▶ to move among options and ▲/▼ to adjust date and time. Press **OK** to confirm.



Daylight Saving Time:

Use ▲/▼ to enable/disable Daylight Saving Time. Press **OK** to confirm.

*To use this function, a network connection is required.

OSD Menu





Descriptions

Disk Management

Storage Destination

Step 1:

Select and press **OK** to change your current desired default storage device for both recorded files and snapshots.

*  indicates normal write speed of selected partition;  indicates low write speed of selected partition. To make sure recording functions properly, be sure to select partition with normal write speed.

Step 2:

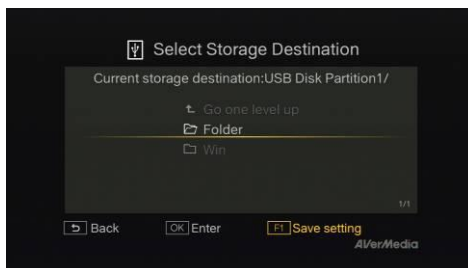
Use ▲/▼ to select the preferred default storage device.

Step 3:

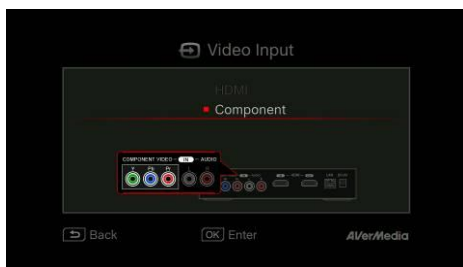
Use ▲/▼ to select a folder and press **OK** to confirm.

Step 4:

Press **F1** to save the setting.




OSD Menu



Descriptions

A/V Management

Use ▲/▼ to move among options. Press **OK** to confirm.

Press  to switch from component and HDMI input sources.

Video Input:

Use ▲/▼ to toggle between various video input source options (Component / HDMI).

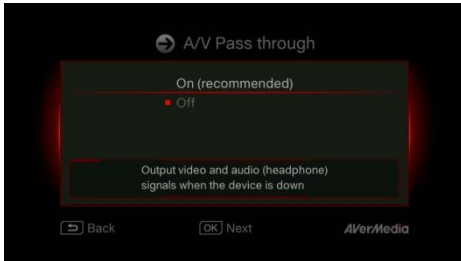
Press **OK** to confirm.

Audio Input:

Use ▲/▼ to toggle between various audio input source options (Stereo Audio / HDMI).

Press **OK** to confirm.

OSD Menu



Descriptions

A/V Pass Through:

Use ▲/▼ to enable/disable A/V Pass Through. Press **OK** to confirm.

*The default setting is set Off to yield to the power-saving regulation. If this function is enabled, The capture box still output signal when turned off. If this function is disabled, The capture box does not output signal when turned off.



Color Range Setup

Use ▲/▼ to toggle between off, limited, and full. Press **OK** to confirm.

OSD Menu



Descriptions

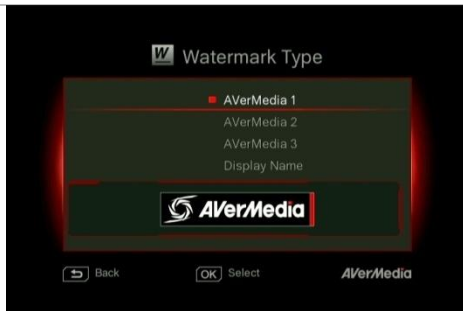
Watermark

Add your selected watermark to your videos. You can customize the display of the watermark by setting up the type, position and also scale.

Press ^{BACK} to go back to last level.

Press **OK** to enter the next level.

Press **F1** to preview the display.



Watermark Type:

Use to ▲/▼ select from the listed watermark types.

Press **OK** to save the change.

Press ^{BACK} ↶ to go back to last level.

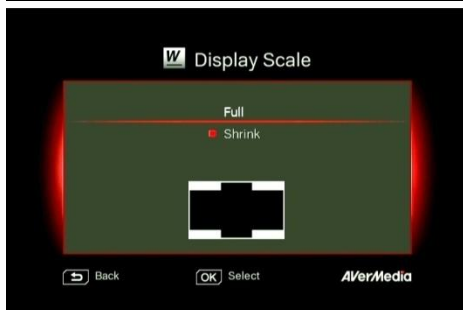


Position:

Use ▲/▼ to select from the listed watermark positions.

Press **OK** to save the change.

Press ^{BACK} ↶ to go back to last level.



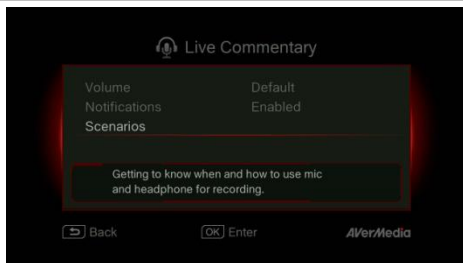
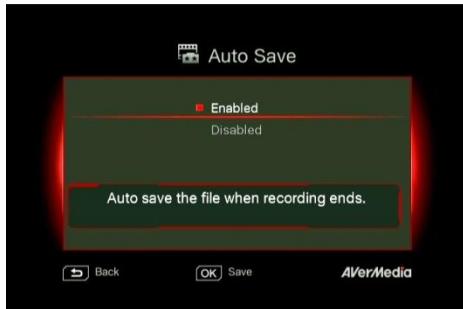
Display Scale:

Use ▲/▼ to select the display scale.

Press **OK** to save the change.

Press ^{BACK} ↶ to go back to last level.

OSD Menu



Descriptions

Auto Save

Use ▲/▼ to switch from enable or disable the Auto Save function.

Recording/ Snapshot

Video Quality:

Use ▲/▼ to toggle among various video quality options (Optimal/ Good/ Maximum recording length). Press **OK** to confirm.

Snapshot Quality:

Use ▲/▼ to toggle among various snapshot quality options (Best/Better/Good). Press **OK** to confirm.

Live Commentary

A short demonstration will be played in this section.

Press **OK** to continue.

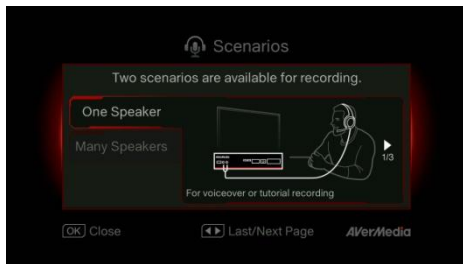


Volume:

Use ▲/▼ to move among options and ◀/▶ to adjust the volume.

Press **OK** to save the setting.

Press **F1** to restore to the default setting.

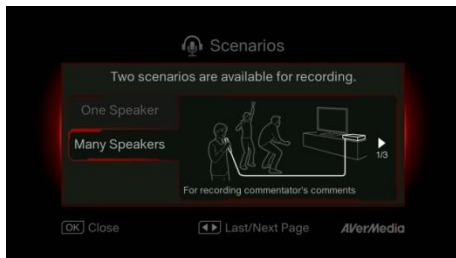


Sound Mode:

Use ▲/▼ to select a preferred mode for mic recording. Press **OK** to confirm.

One Speaker will automatically switch video sound output to your headphone.

To ensure the optimal quality, please use both microphone and headphone for voice commentary recording.



Many Speakers will record both video sound and voice commentary or voice chat from microphone during video.

It is recommended to use an omni-directional or high-sensitive microphone.

ODS Menu



Descriptions

Firmware Upgrade

Follow the steps below to upgrade the firmware via USB storage device:


Step 1:

To download the latest firmware binary package, please go to www.avermedia.com, and then enter the model name in Product Search field. Firmware file is available on the product information page.

Step 2:

Extract the files by unzipping the package. Copy the firmware files to the root directory of your USB storage device, and then connect it to the capture box.

Step 3:

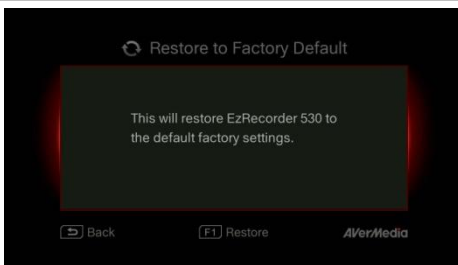
Press **F1** to start the firmware upgrade process. Press  to abort the operation and return to the previous page.

Step 4:


The capture box automatically detects whether a different version of firmware is available for upgrade or rollback. Once the firmware upgrade process has completed, press **OK** to restart the capture box.

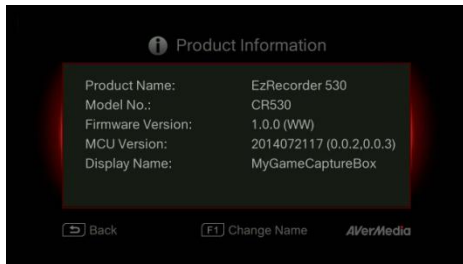


- The firmware upgrade process takes up approximately 10–14 minutes.
- Firmware upgrade requires at least 256 MB free space of the external storage device (USB/HDD).
- If problems encountered during firmware upgrade, please clear all the data stored on your USB storage device and repeat the process above.
- NEVER power off the device or unplug the power supply or remove the USB storage device during the firmware upgrade process. If the firmware upgrade is interrupted for any reason, the device may crash.

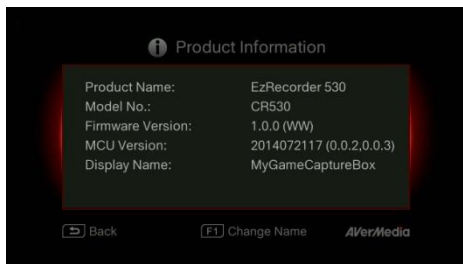


Restore to Factory Settings

Press **F1** to restore to original factory settings. Press  to abort the operation and return to the previous page.



OSD



Product Information

This page provides information about this product, including product name, model no., and firmware version.

Press **F1** to edit the display name.

Descriptions

Name your own capture box.

Press navigation keys  Up and Down to select characters.

Press navigation keys  Left and Right to shift to the former or later character.

Press **F1** to switch to the next input menu.

Press  to delete the character.

Press **OK** to save the name.

To change product name, go to **Menu > Product Name**.

* The display name will show up when you enable watermark. (When a specific type of watermark is selected.)

Appendix A Troubleshooting

To download the latest firmware for the capture box:

- 1 Go to www.avermedia.com.
- 2 Enter the model no. (CR530) in Product Search field.
- 3 The latest firmware file is available on the "AP & Driver" section on the product information page.

Hard Drive Problem	Actions
<p>Hard drive not detected</p>	<p>Make sure that the storage destination is properly set up. Go to Menu → Settings → Disk Management → Storage Destination to set storage destination.</p> <p>Make sure the hard drive is connected / installed and restart the capture box.</p> <p>Make sure the capture box has stable power supply while recording or the recording may fail. Failure of recording may stop the capture box from detecting hard disk.</p> <p>Format current drive to NTFS file system. It is likely that the hard drive is not set to NTFS format. You can check the hard drive and reformat it by downloading HP USB Disk Storage Format Tool.</p>
<p>Unknown files are found on my hard disk after connecting to the capture box</p>	<p>The capture box will automatically generate files that help boost the operation. Files that have file name extension like 'avm_chk_tmp' , 'avm_speed_test' , 'hd_keepalive' aim at preserving hard disk speed as well as other crucial record. Please don't remove them.</p>
Video Display Problems	Actions
<p>"No input signal" message appears on screen</p>	<p>Make sure that all the cables are firmly connected.</p> <p>Power off the capture box and then make sure that the device is connected with the</p>

	<p>proper cables (See 3.1 Hardware Installation in user manual for details).</p>
<p>Screen color appears abnormal using component input</p>	<p><u>Green screen color with buzzing noise:</u> Make sure that the red and blue connectors do not come loose.</p> <p><u>Mono screen color:</u> Make sure that the red and blue connectors do not come loose.</p>
<p>Unsuccessful recording of HDMI-input-videos</p>	<p>The capture box supports all HDMI input except those in HDCP (protected video) form.</p>
<p>Black screen using HDMI input</p>	<p>If screen is black when using HDMI input, please try:</p> <ol style="list-style-type: none">1. Reconnect the HDMI cable from the input source device and also the capture box. Also, connect to HDMI port 1 of your TV at all times.2. Change HDMI cable and try again.
<p>The recording is fast-forwarded or stopped when recording complex video frames in HD resolution (720p or above)</p>	<p>When recording video in HD resolution (720p or above), fast-forward may occur due to the complex video content. Follow the tips below to ensure good recording quality:</p> <ol style="list-style-type: none">1. Install a format tool. It is recommended that you format hard disk into NTFS format using HP USB Disk Storage Format Tool. Please find the link: http://download.cnet.com/HP-USB-Storage-Tool/3000-2094_4-1Be sure to backup your data before start formatting. All data will be erased once the formatting process begins.2. Lower video output resolution. Details can be found in CR530 user manual. Please refer to video output settings.3. Lower CR530 video quality at Menu > Settings > Edit/Share4. Use another high- performance storage disk (For example, another NTFS hard disk).

Playback Problems

Poor quality of captured video

Jittery/Jerky video playback on PC

Stuttering local video playback

Microphone volume not loud enough

No A/V Pass Through with video source device and TV ON

File Management Problems

Difficulty in locating files

Actions

Check video output settings of your source device.

Set 1080p, 1080i and 720p as video output resolutions. If you only select 1080i, the screen resolution automatically goes to 480i when you play a video in 720p.

Enable the “De-interlace” function of your media player before playback.

Some media players cannot process the interlaced video (1080i/576i/480i) well. This problem does not persist after video uploaded to YouTube.

Try recording video again using another NTFS-formatted hard drive.

When this problem occurs, it is recommended to play the videos on PC. Alternatively, you can record at a lower bit rate to solve this problem.

This problem does not persist after video uploaded to YouTube.

Turn on Microphone volume via **Menu**.

Turn down input volume of your video source device.

Adjust volume via in-video settings.

Gain Microphone amplifier.

Make sure that your TV supports 1080p.

Turn on A/V Pass through via **Settings**.

Actions

All files are named after the date and time they are recorded. In the file management, you can sort files out by its name, the time recorded, and the file size. Make sure the time zone is set correctly or manually setup to obtain correct file name.

For example, a video which recorded at 9:30 a.m., 15 of April, 2013 will be named as:

130415-0930

A recorded videos with commentary will be called:

130415-0930 (Mic)

An edited recorded video will be named as :

130415-0930 (Edit-1)

A videos that has been edited for the second time will be named as :

130415-0930 (Edit-2)

An edited video with commentary will be named as :

130415-0930 (Mic-Edit-1)

The capture box detects all kinds of folder that built in your hard drive; as a result, it is likely that the destination is set to a non-standard folder, for example, a hidden folder.

If you cannot locate the folder that saves the recordings and snapshots, please check if:

1. You have set the destination of recordings and snapshots to a standard folder, making sure that it is not hidden, locked, etc..
 2. You load the folder with a Microsoft Windows system. A Linux system does not read non-standard folder like a hidden folder.
-

Difficulty in locating the folder on your PC/ laptop

Other Problems

Firmware upgrade turns out unsuccessful

Actions

Solutions are as follows:

A. Power off the capture box if an internal storage disk is installed. Remove internal storage disk and power on the capture box. Connect the USB to your capture box to undergo FW upgrade. (*If you are using a SATA storage disk or the temperature of the hard disk appears high; please wait for 10 minutes for the hard disk to cool down.)

B. Save the unzipped firmware file to the file root of your USB.

C. To enable firmware upgrade, make sure a minimum space of 256 MB on your USB.

D. The detection of firmware file may be disrupted by other files on your USB. It is recommended that you wipe the USB or reformat it to NTFS format.

Reformat your USB by using HP USB Storage Format Tool:

1. Disconnect your USB from the capture box. Connect it to a computer.

2. Download HP USB Storage Format Tool at the following link:

http://download.cnet.com/HP-USB-Disk-Storage-Format-Tool/3000-2094_4-10974082.html

3. Undergo HP USB Storage Format Tool. Select your USB and format it to NTFS format.

Save the firmware file into the NTFS USB and reconnect it to the capture box to upgrade firmware.

If the problem still persists, refer to FAQ at www.avermedia.com for further troubleshooting.

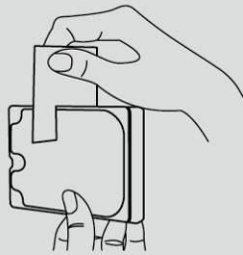
Appendix B Measuring Your HDD Height Before Installation



Make sure to adjust rotary knob before HDD installation.
(For details, please refer to the User Manual.)

1

Measure HDD height.



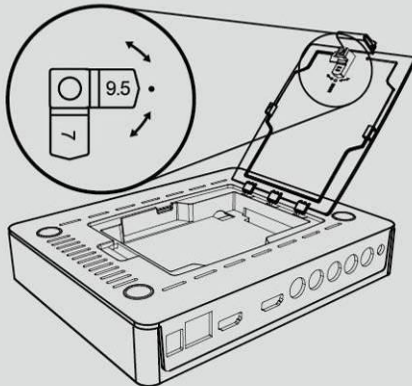
Measuring Openings

7 ◀

9.5 ◀

2

Adjust the rotary knob to the corresponding position.































La télécommande

Les descriptions ci-dessous présentent les touches de la télécommande.

#	Boutons	Descriptions
1		Appuyez pour allumer l'appareil/le mettre en veille.
2		Appuyez pour accéder au menu principal. Appuyez à nouveau pour quitter.
3		Appuyez sur les touches de direction pour vous déplacer parmi les options. Appuyez sur OK pour confirmer une sélection.













4		Appuyez pour lire le dernier fichier enregistré ou visualiser la dernière image capturée.
5		Appuyez pour démarrer/arrêter l'enregistrement.
6		Appuyez pour démarrer la lecture du fichier sélectionné. Appuyez pour lire le fichier à la vitesse normale (1x) lorsque la fonction lecture au ralenti, retour ou avance rapide est active.
7		Appuyez pour arrêter la lecture. Appuyez pour arrêter l'enregistrement.
8		Appuyez pour le retour rapide (2x, 4x, 8x, 16x, 32x).
9		Appuyez pour revenir à la page précédente.
10		Appuyez pour afficher l'écran de réglage de la qualité de la vidéo/photo. Appuyez à nouveau pour quitter.
11		(Suivez les instructions à l'écran)
12		(Suivez les instructions à l'écran)
13		(Suivez les instructions à l'écran)
14		Appuyez pour commuter entre les sources Composante et HDMI.
15		Appuyez pour afficher les informations à l'écran, y compris le mode, la source et les sources audio.
16		Appuyez pour quitter la page en cours et revenir à la page précédente.
17		Appuyez pour prendre une photo durant un jeu ou la lecture d'une vidéo.
18		Appuyez pour mettre la lecture en pause. Appuyez sur OK ou  pour reprendre la lecture. Appuyez pour mettre l'enregistrement en pause.
19		Appuyez pour lire la vidéo au ralenti (1/2x). Appuyez à nouveau pour passer en mode image par image (voir p. 27 pour plus de détails).
20		Appuyez pour l'avance rapide (2x, 4x, 8x, 16x, 32x).
21		Appuyez pour passer à la page suivante.

22		Appuyez pour supprimer les fichiers sélectionnés.
23		Appuyez pour afficher les informations concernant le disque. Appuyer de nouveau pour les cacher.

Fernbedienung





Die nachstehenden Beschreibungen zeigen die Funktionen der Fernbedienungstasten.




















#	Tasten	Beschreibungen
1		Schaltet das Gerät ein bzw. versetzt es in den Bereitschaftsmodus.
2		Ruft das Hauptmenü auf. Zum Verlassen noch einmal drücken.
3		Drücken Sie zum Bewegen zwischen den Optionen die Navigationstasten. Mit OK bestätigen Sie eine Auswahl.
4		Gibt die zuletzt aufgenommene Datei bzw. das zuletzt aufgenommene Bild wieder.
5		Startet/beendet die Aufnahme.
6		Startet die Wiedergabe der ausgewählten Datei. Gibt die Datei bei normaler (1facher) Geschwindigkeit wieder, wenn Zeitlupe, Rücklauf oder Schnellvorlauf aktiv sind.
7		Beendet die Wiedergabe. Beendet die Aufnahme.
8		Aktiviert den Rücklauf (2fach, 4fach, 8fach, 16fach, 32fach).
9		Ruft die vorherige Seite auf.
10		Blendet den Bildschirm zur Einstellung der Video/Schnappschuss-Qualität ein. Zum Verlassen noch einmal drücken.
11		(Folgen Sie den Bildschirmhinweisen)
12		(Folgen Sie den Bildschirmhinweisen)


13		(Folgen Sie den Bildschirmhinweisen)
14		Schaltet zwischen Component- und HDMI-Quellen um.
15		Zeigt Bildschirminformationen, inklusive Modus, Quelle und Audioquelle, an.
16		Verlässt die aktuelle Seite und kehrt zur vorherigen Seite zurück.
17		Nimmt einen Schnappschuss während des Spielens oder der Videowiedergabe auf.
18		Unterbricht die Wiedergabe. Mit OK oder  setzen Sie die Wiedergabe fort. Unterbricht die Aufnahme.
19		Gibt das Video in Zeitlupe (1/2fach) wieder. Bei erneuter Betätigung gelangen Sie in den Bild-für-Bild-Modus (siehe Einzelheiten auf S. 27).
20		Aktiviert den Schnellvorlauf (2fach, 4fach, 8fach, 16fach, 32fach).
21		Ruft die nächste Seite auf.
22		Löscht die ausgewählten Dateien.
23		Zeigt Informationen zum Medium an. Zum Ausblenden noch einmal drücken.

Telecomando

Le descrizioni di seguito mostrano l'utilizzo dei tasti sul telecomando.





#	Tasti	Descrizioni
1		Premere per accendere/mettere in standby l'unità.
2		Premere per accedere al menu principale. Premere di nuovo per uscire.
3		Premere i tasti di navigazione per spostarsi tra le opzioni. Premere OK per confermare una selezione.
4		Premere per riprodurre l'ultimo file registrato o visualizzare l'ultima immagine acquisita.













5		Premere per avviare/arrestare la registrazione.
6		Premere per avviare la riproduzione del file selezionato. Premere per riprodurre il file a velocità normale (1x) quando sono attivi slow motion, riavvolgimento o avanzamento rapido.
7		Premere per arrestare la riproduzione. Premere per arrestare la registrazione.
8		Premere per riavvolgere (2x, 4x, 8x, 16x, 32x).
9		Premere per tornare alla pagina precedente.
10		Premere per visualizzare la schermata di regolazione della qualità video/istantanea. Premere di nuovo per uscire.
11		(Attenersi alle istruzioni sullo schermo)
12		(Attenersi alle istruzioni sullo schermo)
13		(Attenersi alle istruzioni sullo schermo)
14		Premere per passare tra le sorgenti Component e HDMI.
15		Premere per visualizzare le informazioni su schermo, tra cui modalità, sorgente e sorgenti audio.
16		Premere per uscire dalla pagina attuale e tornare alla pagina precedente.
17		Premere per scattare una istantanea durante il gioco o la riproduzione video.
18		Premere per interrompere la riproduzione. Premere OK o  per riprendere la riproduzione. Premere per interrompere la riproduzione.
19		Premere per riprodurre il video in slow motion (1/2x). Premere di nuovo per accedere alla modalità fotogramma per fotogramma (vedere p. 27 per i dettagli).
20		Premere per avanzare rapidamente (2x, 4x, 8x, 16x, 32x).
21		Premere per andare alla pagina successiva.
22		Premere per eliminare i file selezionati.

23		Premere per visualizzare le informazioni sul disco. Premere di nuovo per nasconderle.
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El mando a distancia

Las descripciones siguientes muestran el desarrollo de los botones del mando a distancia.










Nº	Botones	Descripciones
1		Presionen este botón para encender la unidad o activar el modo de espera en la misma.
2		Presione este botón para acceder al menú principal. Presiónelo de nuevo para salir.
3		Presione los botones de navegación para moverse por las opciones. Presione OK (Aceptar) para confirmar una selección.
4		Presione este botón para reproducir el último archivo grabado o ver la última imagen capturada.
5		Presione este botón para iniciar y detener la grabación.
6		Presione este botón para iniciar la reproducción del archivo seleccionado. Presione este botón para reproducir el archivo a velocidad normal (1x) cuando hay movimiento lento, rebobinar o cuando el avance rápido está activo.
7		Presione este botón para detener la reproducción. Presione este botón para detener la grabación.
8		Presione este botón para rebobinar (2x, 4x, 8x, 16x y 32x).
9		Presione este botón para volver a la página anterior.
10		Presione este botón para mostrar la pantalla de ajuste de la calidad de vídeo o instantánea. Presiónelo de nuevo para salir.
11		(Siga las instrucciones que aparezcan en pantalla)
12		(Siga las instrucciones que aparezcan en pantalla)

13		(Siga las instrucciones que aparezcan en pantalla)
14		Presione este botón para cambiar entre las fuentes Componente y HDMI.
15		Presione este botón para mostrar la información en pantalla, incluido el modo, la fuente y las fuentes de audio.
16		Presione este botón para salir de la página actual y volver a la página anterior.
17		Presione este botón para tomar una instantánea durante el desarrollo del juego o mientras se reproduce vídeo.
18		Presione este botón para pausar la reproducción. Presione  u OK (Aceptar) para reanudar la reproducción. Presione este botón para pausar la grabación.
19		Presione este botón para reproducir el vídeo lentamente (1/2x). Presiónelo de nuevo para entrar en el modo de fotograma a fotograma (consulte la página 27 para obtener detalles).
20		Presione este botón para avanzar rápidamente (2x, 4x, 8x, 16x y 32x).
21		Presione este botón para ir a la página siguiente.
22		Presione este botón para eliminar los archivos seleccionados.
23		Presione este botón para mostrar la información del disco. Presiónelo de nuevo para ocultarla.

O Controle Remoto

As descrições abaixo mostram a distribuição das teclas do controle remoto.

#	Botões	Descrições
1		Pressione para ligar a unidade/entrar em modo stand-by.
2		Pressione para acessar o menu principal. Pressione novamente para sair.
3		Pressione as teclas de navegação para se mover entre as opções. Pressione OK para confirmar uma seleção.
4		Pressione para reproduzir o último arquivo gravado ou ver a última imagem capturada.
5		Pressione para iniciar/parar a gravação.
6		Pressione para começar a reproduzir o arquivo selecionado. Pressione para reproduzir o arquivo em velocidade (1x) normal quando movimento lento, retroceder ou avançar rapidamente está ativo.
7		Pressione para parar a reprodução. Pressione para parar a gravação.
8		Pressione para retroceder (2x, 4x, 8x, 16x, 32x).
9		Para retornar à página anterior.
10		Pressione para exibir a tela de ajuste de qualidade de vídeo/instantâneo. Pressione novamente para sair.
11		(Siga as instruções na tela)
12		(Siga as instruções na tela)
13		(Siga as instruções na tela)
14		Pressione para alternar entre fontes Componente e HDMI.
15		Pressione para exibir a informação na tela, incluindo o modo, fonte e fontes de áudio.

16		Pressione para sair da página atual e retornar à página anterior.
17		Pressione para tirar uma foto durante o jogo ou reprodução de vídeo.
18		Pressione para pausar a reprodução. Pressione OK ou  para retomar a reprodução. Pressione para pausar na gravação.
19		Pressione para reproduzir o vídeo em câmera lenta (1/2x). Pressione novamente para entrar modo quadro a quadro (Ver p.27 para detalhes).
20		Pressione para avançar (2x, 4x, 8x, 16x, 32x).
21		Pressione para ir à próxima página.
22		Pressione para apagar os arquivos selecionados.
23		Pressione para exibir as informações do disco. Pressione novamente para ocultar.

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cppstub/db/libpcre0/JSONKit

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makedevs

GPLv2

busybox/dbus/dbus-x11/devmem2/dosfstools/fbset/i2c-tools/iproute2/libblkid1/libdbus-1-3/libfreetype6/libpam/

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Model No. CÜÍ H€
P/N 300ACÜí H€ÖÍ Ö
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