

Avonic Capture Device HDMI to USB3.0 CAP100

www.avonic.com | User Manual AV-CAP100 | Version 1.5

Disclaimer, Contact and CE Marking

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CE Marking

The Product has a CE Marking. The CE labels are placed at the bottom of the Product and on the packaging. See the respective figures below:

Figure 1: CE Marking (Product)



Figure 2: CE Marking (Packaging)



EU Declaration of Conformity

The Avonic Declaration of Conformity is in accordance with EN ISO/IEC 17050-1 and generated using the ProductIP compliance platform.

Table 1: EU Declaration of Conformity

	AVONIC focus on av
EC DECLARATION	OF CONFORMITY
1. Models No:	AV-CAP100
2. Brand Name:	Avonic
3. Product Name:	Video Capture Device HDMI to USB3.0,
4. Manufacturer:	Avonic Exportweg 11a 2645ED Delfgauw The Netherlands
3. This declaration of	f conformity is issued under the sole responsibility of the manufacturer
4. The object of the	declaration described in point 1 is in conformity with the:
- EC Council Directive	e 2014/30/EU Electromagnetic Compatibility
- EC Council Directive	e 2011/65/EU of the EU Parliament and Commission Decision 2005/618
- FCC Rules and Reg B	ulations for Information Technology Equipment FCC Part 15 Subpart B
5. Standards	EN 55032: 2015
	EN 61000-3-2: 2014
	EN 61000-3-3: 2013
	EN55024:2010+A1:2015
6. Signed for and on	behalf of Avonic:
Delfgauw, 29th of No	ovember, 2018
mzachegon	
Martijn van Bodegon	٦,
Product Manager	

Important Information

Liability

Avonic will NOT be held responsible for any damage or injury caused by unqualified persons carrying out these tasks, or by not following the instructions in this Manual.

Intended Use and Non-Intended Use Installation

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The following applies to the *installation* of the CAP100:

- The installation activities described in this Manual should ONLY be executed by experienced technicians.
- The installation activities should NOT be executed by minors, mentally disabled persons or other persons not qualified to perform these tasks.

Operation

- The following applies to the *operation* of the CAP100:
- The operational activities described in this Manual should ONLY be executed by people with enough technical knowledge to perform the activities in a safe manner.
- This Product is specifically developed for video conferencing / streaming via internet by companies, institutes and universities. It is NOT meant for private use in the residential area.
- This Product should ONLY be used indoors.
- This Product is NOT a medical device and should NOT be used as a substitute for professional medical judgment. It is NOT designed or intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of any condition or disease. Please consult your healthcare provider prior to making any decisions related to your health.

Important Precautions

The Product is NOT intended for use where failure of the device could lead to death, personal injury, or severe environmental damage.
 Be sure that you have COMPLETELY READ and UNDERSTOOD ALL information in this Manual before unpacking, installing and using this Product. Keep the Manual in a safe place for future reference or download it from www.avonic.com.
 Failure to follow the SAFETY NOTES as described in this chapter could result in fire, electric shock, injury, or damage to the Product or other property.
 Power the Product ONLY with the included cable and power adapter. Other adapters may not meet applicable safety standards, and could pose a risk of death or injury when connected.

Symbols Used in This Manual

Symbol	Meaning	Description
⚠	Danger	Not following the instructions associated with this symbol may lead to personal injury and / or serious damage to the Product.
	Electrical Shock	Not following the instructions associated with this symbol may lead to life- threatening situations and / or serious damage to the Product.



Symbol	Meaning	Description
\triangle	Important	The information associated with this symbol requires special attention.
i	Information	The information associated with symbol refers to a general remark or a reference to other documentation.
2	Instruction	This symbol refers to one or more user instructions.
3	Recycling	Specific parts of the Product can be re-used.

Acronyms

The following acronyms are used in this Manual:

HDMI	High Definition Multimedia Interface
IP	Internet Protocol
OSD	On-Screen Display
PTZ	Pan / Tilt / Zoom
PSU	Power Supply
SKU	Stock Keeping Unit
USB	Universal Serial Bus
VISCA	Video System Control Architecture

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Introduction

Purpose of This Manual

This Manual describes the safety precautions and the instructions for safe unpackaging, installation, operation, maintenance and disposal of the Avonic CAP100.

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In this Manual, the Avonic CAP100 is referred to as the 'Product'.

Target Audience

This Manual is developed for installation technicians who install the Product at client sites, and for IT professionals who are responsible for operating the Product.

Document Structure

The Manual is subdivided into the following Chapters:

- **1.** Introduction
- 2. Safety
- **3.** Product Overview
- **4.** Unpacking
- **5.** Mounting and Installation
- 6. Operation
- 7. Maintenance
- 8. Transport and Storage
- 9. Disposal and Recycling
- **10.***Troubleshooting*
- **11.**Appendix Technical Data

Safety

This chapter contains important safety information regarding the unpacking, installation and use of the camera.

Important Precautions

The Product is NOT intended for use where failure of the device could lead to death, personal injury, or severe environmental damage.

Be sure that you have COMPLETELY READ and UNDERSTOOD ALL information in this Manual before unpacking, installing and using this Product. Keep the Manual in a safe place for future reference or download it from *www.avonic.com*.



Failure to follow the SAFETY NOTES as described in this chapter could result in fire, electric shock, injury, or damage to the Product or other property.

Power the Product ONLY with the included cable and power adapter. Other adapters may not meet applicable safety standards, and could pose a risk of death or injury when connected.

Intended Use

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This Product is intended to capture video using HDMI and USB. See also section *Intended Use and Non-Intended Use* on page iv for details.

Handling

- To prevent the risk of injury, take the following precautions when handling this Product:
- Handle the Product with care. It is made of metal and plastic and has sensitive electronic components inside.
- The Product can be damaged if dropped, burned, punctured or crushed, or if it comes into contact with liquid.
- If you suspect any damage to the Product, discontinue its use, as it may cause overheating or injury.

Installation



To prevent the Product from falling down which may cause injuries:

- Set up this Product on a hard, stable surface.
- Ensure the construction is capable of supporting four times the weight of the Product. (See 'General Specifications > Weight product' in the Product Datasheet for the exact weight.)
- Use a safety loop or drop protection that prevents the Product from falling if the construction fails.
- During installation, NEVER install a Product above a person.
- Check the installation at least once a year. An improper construction could cause the unit to fall off, resulting in personal injury.

Ventilation

To prevent the risk of life-threatening injury or damage to the Product or other property, caused by electric shock or fire hazard due to overheating:

- Maintain adequate ventilation by NOT installing or placing the Product unit in a bookcase, built-in cabinet or any other confined space.
- Ensure that curtains or any other material does NOT obstruct the ventilation.

Repair

Take the following precautions if the Product should be repaired:

- Don't open this Product and don't attempt to repair it yourself. Disassembling the Product may damage it or may cause injury to you.
- If this Product is damaged, malfunctioning, or if it comes into contact with liquid, contact Avonic or an Avonic Authorized Service Provider.
- Repairs by service providers other than Avonic or an Avonic Authorized Service Provider may not involve the use of Avonic genuine parts and may affect the safety and functionality of the device. *You can find more information about repairs and service at www.avonic.com*.

Power and Adapter

To prevent the risk of life-threatening injury or damage to the Product or other property, caused by electric shock or fire hazard:

- Power this Product ONLY with the included cable and power adapter. Other adapters may not meet the applicable safety standards. They could pose a risk of death or injury when connected.
- Do NOT use damaged cables.
- Do NOT power the Product in a moist / wet environment.
- Before you power the Product, ensure the cable is fully inserted into the power adapter.
- Plug the power adapter directly into a power outlet.
- Do NOT use the power adapter at a moist / wet location.
- Do NOT connect or disconnect the power adapter with wet hands.
- Keep the Product, cable, and power adapter in a dry and well-ventilated area when in use.
- Stop using the power adapter and any cables if any of the following conditions exist:
 - The power adapter plug or prongs are damaged.
 - The cable becomes frayed or otherwise damaged.
 - The power adapter is exposed to excessive moisture, or liquid is spilled into it.
 - The power adapter has been dropped, and its enclosure is damaged.

Atmospheric Conditions

To prevent the risk of injury or damage to the Product or other property caused by a potentially explosive atmosphere:

- Do NOT use this Product in an area with a potentially explosive atmosphere, such as areas where the air contains high levels of flammable chemicals, vapors, or particles (such as grain, dust, or metal powders), may be hazardous.
- Exposing this Product to environments having high concentrations of industrial chemicals, including near evaporating liquified gasses such as helium, may damage or impair this Product functionality.
- Obey all signs and instructions.



Product Overview

Description

The Avonic CAP100 is a HDMI to USB 3.0 converter, capable of capturing an HDMI source in 1080p 60fps resolution. The CAP100 is a quick, high-quality solution that converts any HDMI signal to USB 3.0. The CAP100 is compatible with the UVC and UAC standards. It's recognized by the computer as a video input without the need for installing additional drivers. The CAP100 captures uncompressed video with audio from an HDMI stream, ideal for quickly setting up a high quality recording, stream or video conference. Compatible with Windows, macOS and Linux operating systems.



Features

The Avonic CAP100 has the following features:

- Truly PnP, no need for driver installation
- USB3.0, 300-350MB/s throughput
- Automatically detect the input video formats
- Input and output video signal up to 1080p60
- Compatible with UVC video capture and YUV 4:2:2 video output.
- Compatible with Windows, Linux, Mac OS X and with many different USB 3.0 chipsets.
- Compatible with Skype for Business, Zoom.us, Webex, and many more.
- Powered by USB

Unpacking

This describes the contents of a complete Product package, and instructions for safe unpacking and (if necessary) Product return.

It is subdivided into the following sections:

- 1. Package Contents
- 2. Unpacking the Controller
- 3. Return Procedure

Package Contents

The following tables contains an overview of the package contents of the Product.

No.	Quantity	Description	Avonic SKU
1	1 рс	HDMI to USB3.0 Video Capture Dongle	AV-CAP100
2	1 pc	USB 3.0 cable (Type A to Type A)	AV-USB30-AA

Each item is visualized below and referenced by the associated number in the table above:

Figure 3: Package Contents





Unpacking the Controller



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Execute the following steps to unpack the CAP100 and associated components:

- 1. Open the box.
- **2.** Verify that the contents of the box exactly matches the items as described in *Package Contents* on page 12. If this is NOT the case, contact Avonic and stop here.

The CAP100 should be in its protective foam as follows:



Figure 4: Controller in Foam

- **3.** Verify that the plastic bag is sealed. If this is NOT the case, contact Avonic and stop here.
- **4.** Break the seal of the sealed bag.
- **5.** Take the CAP100 out of the bag.
- 6. Install the CAP100 following the steps as described in the chapter Installation on page 14

Return Procedure

If, for any reason, you have to return the camera to Avonic, Execute the following steps:

- **1.** Place the CAP100 back in the box.
- **2.** Place the CAP100 with *all* of its components in the box.
- 3. Verify that the contents of the box *exactly* matches the items as described in *Package Contents*.
- **4.** Contact *Avonic* for the Return Procedure.

Installation

This chapter describes the installation of the AV-CAP100.



Follow instructions below:

- 1. HDMI Input: Connect the HDMI source output like a camera, DVD, Set-top Box or Notebook.
- 2. USB3.0 Capture out: Connect the USB3.0 to the USB3.0 input of the computer or Notebook.
- 3. Power indicator: LED illuminates when the device is connected to computer USB port.
- 4. Action indicator: LED illuminates when the device is filming.



Connections

You can use a (third party) high quality HDMI cable to connect the dongle to the camera. The dongle is USB powered and can be connected with the included USB cable (see Packets Contents) to a PC or Notebook. See below:



Operation

The Avonic AV-CAP100 HDMI to USB3.0 Video Capture Dongle is based on UVC (USB video class) and UAC (USB audio class) standard. No additional drivers have to be installed. After installation in operating system (see "Intallation" on page 7), the relevant video and audio devices will be added. In the Windows Device Manager, for example, will appear two new devices:

- Under Video Devices: USB3.0 Capture video
- Under Audio inputs and outputs: USB3.0 Capture audio
- Use a third party Video Media Player like PotPlayer, VLC Media Player, or the standard camera app from Windows to play and record the captured video content.
- You can also use Video Conferencing Applications like Google Meet, Microsoft Teams, Zoom and Webex.

How you can use the CAP100 with these applications, will be described in this chapter.

Video Players

VLC player

Make sure the camera is **ON** and connected to the CAP100 and your computer. Follow the instructions below:

- 1. Open VLC Player
- 2. Click on Media
- 3. Open Capture Device
- 4. Select USB 3.0 Capture Video
- 5. Select DIGITAL AUDIO INTERFACE (USB3.0 CAPTURE AUDIO)
- 6. Fill in the desired Video size
- 7. Click on Advanced options
- **8.** Fill in the Picture aspect ratio
- 9. Click on OK
- 10.Click on Play

Open Media	- 🗆 X	Advanced Options	? ×	>
File Disc Provide Capture Device Capture mode DirectShow Device Selection DirectShow Video device name 0 Audio device name 0 USB3.0 Capture Au Options Video size	USB3.0 Capture Video V dio (2- USB3.0 Capture Audio) V	Picture aspect-ratio n:m Video input chroma format Video input frame rate Device properties Tuner properties Tuner TV Channel Tuner Frequency Tuner country code Video standard Tuner input type Video input pin	16;9 8 A	▼ ISB3.0 Capture Video ▼ SB3.0 Capture Audio) ▼
	7 Advanced options	9 Show more options	OK Cancel	Advanced options Play Cancel



Network settings



- For streaming via your network:
- 1. Click on *Media* in the top bar
- 2. Click on Open Network Stream
- 3. Type the Network URL and click on *Play*

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It is possible that, when you have first started the VLC Media Player, you experience latency/ delay issues. Follow the instructions below to solve these issues:

- 1. Click on *Tools* and select *Preferences*, or press CTRL+P
- 2. Select ALL
- 3. Select Input/ Codecs, scroll down
- 4. Select *Enable* and change *Clock Jitter* to 50
- 5. Click Save
- 6. Restart your Video (Pause and play again)

earch	Input / Codecs	
] Only show current	Settings for input, demultiplexing, decoding and encodir	Ig
> Filters	∧ Artist metadata	
> Output modules	Genre metadata	
> Visualizations	Copyright metadata	
1 Input / Codecs	Description metadata	
> Access modules	Date metadata	
> Audio codecs	URL metadata	
> Demuxers	Advanced	
> Stream filters	File caching (ms)	1000 🖨
> Subtitle codecs	Live-capture caching (ms)	300 🖨
> Video codecs	Disc caching (ms)	300 🖨
P Interface	Network caching (ms)	1000 ≑
> Control interfaces	Clock reference average counter	40 🖨
Hotkeys settings	Clock synchronisation	Enable -
Main interfacer	Clock jitter	50 🖨
	Network synchronisation	
	Record directory	Browse
	Prefer native stream recording	
Ere Stream output	Timeshift directory	Browsen
> Access output	Timeshift granularity	-1 +
> Muxers	Change title according to current media	\$Z
> Packetizers	Disable all lua plugins	
> Sout stream	Y <	



Potplayer

Turn on your camera and make sure that the CAP100 is connected to your computer. Follow the instructions below:

- 1. Open PotPlayer
- 2. Enlarge your window
- 3. Select "PotPlayer"
- 4. Click Preferences or press F5
- 5. Click on Device and Webcam
- 6. Select USB3.0 Capture Video (Rescan Devices if you do not see it)
- 7. Select Format you want (preferred is 1920x1080)
- 8. Select USB3.0 Capture Audio
- 9. Click Apply and OK

10.Click on *Play* or press CTRL+J. The Video start automatically.

PotPlayer 🗸	Preferences(210428) - *Default preset	
PotPlayer ~ Open URL F3 Open > Album/Favorites > Close Playback F4 Playback > Subtitles > Video > Audio > Filters > Skins > Misc > Frame Size > Window Size >	Preferences(210428) - *Default preset *Default preset Default preset Device Subtitles Device Device Subtitles Subtitles Subtitles Device Subtitles Subtitle	Device Screen Capture Webcam Analog TV (WDM) Digital TV (BDA) TV C Video capture device 0 0 0 0 0 Type: Capture V Format: YUV2 1920×1080P 59 v 0 Audio: Use audio capture de v V Rescan Devices 0 Audio: Use audio capture Audio (2- USB3.0 Capture Audio) 8 v Input: Master Volume v v Advanced Settings Enable timeshift Enable timeshift
Window Size > Fullscreen (Keep AR) Enter Fullscreen (Stretch) Ctrl+Enter Preferences 4 Y Playlist Control Panel F7 Playback/System Info Ctrl+F1 About F1	Extensions Accessibility Location Association Configuration Screen Saver	9
Exit Alt+F4	Reset Export Settings	<u>O</u> K <u>C</u> ancel <u>A</u> p

00:00:00 / 00:00:00

Network Settings



For a connection with your network:

- **1.** Click on *PotPlayer*
- 2. Select Open
- 3. Select Open FTP/WebDAV/HTTP
- 4. Fill in Title, Host/Root path and your Username and Password and click on Connect

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	PotPlayer ~					
	Open URL	F3				
	Open	> (Open File(s)		Ctrl+O	
	Album/Favorites	> (Open URL	_	Ctrl+U	
	Close Playback	F4 (Open Folder	2	F2	
	Playback	> (Open FTP/WebD/	AV/HTTP	Alt+F12	
	Subtitles	> (Open File/URL(s)	from Clipboard	Ctrl+V	
	Video	× ٦	Default Open Act		>	
		> 1	Navigate		>	
	FTP/WebDAV/HTTP	Open			V. Del	×
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4	Connect using:	FTP v		Access FTP:	Auto	v
<u> </u>	Host/Root path:	rtmp://a.rtmp.youtub	e.com/liv	Port:	21 🚔 🗌 SSL	
	Username:	admin	\checkmark	UTF-8		
				Passive		
	Password:	•••••	\checkmark	Save	Conne	
	Dath					
	Path:					
	Patri	File name		Size	Date	

Camera application of Windows

Turn on your camera and make sure that the CAP100 is connected to your computer. Follow the instructions below:

1. Press Windows Button

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- **2.** Type "Camera" and select *Camera App*. You will see automatically the image from the CAP100. If not, click the "change camera" icon.
- **3.** Select the *settings* button
- **4.** Select 16:9 (1920x1080)
- 5. Select 1080p 16:9 60fps
- 6. To make a recording: click Take Video button.

Button	Description
ŝ	Settings button
Ð	Change camera button
	Take Video button



← SETTINGS	
Photos	
Photo quality 2.1MP 16:9 (1920x1080) 4	
Time lapse When the timer is on, keep taking photos until I press the camera button again	
Off	
Videos	
Video quality 1090p 16:9 60fps	
Related settings	
Choose whether camera can use location info	
Change privacy settings	
Try out new experimental features Help test features in their preliminary stages. The feature(s) may change or be removed at any time.	
Off	

Video Conferencing applications

This chapter is about the Video Conferencing applications. Record functionality will not be discussed below, because the record options are limited or not possible in this kind of applications. Read the third party instructions if you want to record your meeting.

Google meet

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To view the image from the CAP100 join or start a (new) meeting. Before adding others to the meeting, follow the instructions below:

- 1. Click on More Options
- 2. Click on Settings
- 3. Click on Audio and select USB3.0 Capture Audio
- 4. Select Video and select USB3.0 Capture Video
- **5.** Leave the Settings screen. You will see the image from the CAP100.

	Settings				×
	la Audio	Microphone USB3 0 Capture Audio (2- USB3 0 Capture A	Ŧ	.0	
Whiteboard Open a Jam □□□ Change layout	Video	Speakers		φ	
C3 Full screen ♣ Apply visual effects cm Captions		Speakers (Realtek(R) Audio)	٣	ූ්) Test	
Off Use a phone for audio					ī
Report a problem Troubleshooting and help	Settings				×
Settings 2	¿ Audio	Camera USB3.0 Capture Video (04b4:00f8)	Ŧ		
	Video	Send resolution (maximum)			
More options		Auto	*		
		Auto	×		



Microsoft Teams

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To view the image from the CAP100 join or start a (new) meeting. Follow the instructions below:

- 1. Click on Meetings / Meet now
- 2. Click on Open device settings
- 3. Select USB3.0 Capture Audio
- 4. Select USB3.0 Capture Video
- 5. Leave the Device settings and move the slider to ON



Zoom

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- To view the image from the CAP100 in zoom, follow the instructions:
- 1. Start Zoom and make sure you are on the Home page
- 2. Click on the Settings button
- 3. Click on Video
- 4. Select USB3.0 Capture Video
- 5. Select Audio
- 6. Select Digital Audio Interface (USB3.0 Capture Audio)
- 7. Leave the Settings page. When you join or start a meeting, you can use the CAP100.

	n Chat Meetings Contacts	Q. Search	2 Settings	
 Settings General Video Audo Audo Cat Cat Background & fitters Profile Profile Statistics Statistics Keyboard Shortouts Accesobility 		×	 General Video Audio Share Screen Chat Background & Filters Recording Profile Statistics Keyboard Shortcuts Accessibility 	Speaker Tet Speaker Speakers (Realtek(R) Audio) Output Level: Use separate audio device to play ringtone simultaneously Microphone Test Mic Olgital Audio Interface (USB3.0 Capture Audio) Input Level: Volume: Imput Level: Volume: Imput Level: Imput Level: Marka (computer fan, pen taps) High (typing, dog barks) Imput Level: Music and Professional Audio Show in-meeting option to "Turn On Original Sound" (g) Imput Leventrative Leventration Leventratin Leventration Leventration Leventration Lev

Webex

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- To view the image from the CAP100 in Webex, follow the instructions:
- 1. Start Webex and open a new meeting or join one
- 2. Click on the arrow next to Stop video
- 3. Select USB3.0 Capture Video
- 4. Click on Test Speaker and Microphone
- 5. Select USB3.0 Capture Audio
- 6. You will see the picture from the CAP100







Skype for Business

Open Skype for business to view the image from the CAP100 and follow instructions below:

1. Go to Tools > Options

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- 2. Click on Video Device
- **3.** Select USB3.0 Capture Video in the dropdown menu.
- 4. Click on Audio Device
- **5.** Select Custom Device in the dopdown menu.
- 6. Select USB3.0 Capture Audio in the dropdown list next to the microphone
- 7. You can now leave the options menu and start a new meeting.

skype for Business - Options		×
General Personal Audio Device Video Device 2	Video device Select the camera you want to use for video calls: USB3.0 Capture Video	Learn More
Skype for Business - Options General Personal Audio Device	Video settings Crop and center my video in meetings Audio device Select the device you want to use for audio calls: Custom Device	OK Cancel Help ×
	Customize your device (changes will apply to your next call Customize your device (changes will apply to your next call Speaker Speakers (Realtek(R) Audio) Microphone USB3.0 Capture Audio (USB3 Microphone Customer Audio (USB3 Customer Au): .0 Capture Audio) 6 ~
	Secondary ringer Also ring: Headset Earphone (Poly BT600) Unmute when my phone rings Stereo audio playback Allow stereo audio playback when available	

Maintenance

Maintenance

Take the following actions to maintain the CAP100:

- If you will not be using the CAP100 for a long time, disconnect the USB cable to the outlet.
- Use a soft cloth or tissue to clean the CAP100 cover.
- Please use the soft dry cloth to clean the CAP100. If the CAP100 is very dirty, clean it with diluted neutral detergent.



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Do not use any type of solvents, which may damage the surface.

Usage Precautions

Take the following precautions:

• Do not operate close to powerful electromagnetic radiation, such as TV or radio transmitters, etc.



Transport and Storage

The CAP100 must be transported in its original packaging box. Inside the box, it is recommended to wrap the CAP100 in the original plastic bag and to place it in the protective foam.

Specific guidelines apply to the environmental temperature and humidity when operating and storing the CAP100.

See 'Operating humidity' and 'Storage temperature' in the provided Datasheet for the applicable values.

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Disposal and Recycling

In general, the term 'E-Waste' applies to items of all types of electrical and electronic equipment and its parts that have been discarded by the owner as waste without the intention of re-use.

Avonic outsources the disposal and recycling of its E-Waste camera materials to the **Stichting Open**.



See https://stichting-open.org/ for more information about the disposal and recycling.



Troubleshooting

General



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1. Turn the CAP100 off and on again (disable USB cable and connect it again) and check if the problem persists.

2. If it does, contact Avonic.

Power Issues

No connectivity to third party video software and no power LED:

- 1. Check the net power.
- **2.** Check the power supply.

Third party software issues

- No appearance of the CAP100 in third party software:
- 1. Check if the USB cable is attached to your computer.
- **2.** Check if the HMDI cable is attached to your camera.



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Abnormal Image:

- **1.** Check third party software and camera settings. For a clear picture it is recommend to use the same video format and frame rate as in the camera settings.
- 2. Make sure that the USB cable is connected to an USB3.0 port of your computer.

General Specifications

Appendix - Technical data

Specifications

Product

Input	HDMI	Input voltage	DC5V (USB)
HDMI Input Formats	480i,480p,576i,576p,720p50,720p60	Power consumption	<= 2.5W
	80i50,1080i60, 1080p24/25/30/50/60	Power supply	n/a
		Power connector	USB3.0 type A
Output	USB3.0, *300-350MB/s (USB2.0,	Operating temperature	0°C ~ 50°C
	*40MB/s for lower resolutions and frame rates)	Storage temperature	-20°C ~ 70°C
		Operating humidity	20% ~ 90%
Output Formats	640x480 / 720x480 / 720x576 /	Color	Silver
	1280x720 / 1280x800 / 1024x768	Dimensions product	9.8 x 5.6 x 1.6 cm
	1280x960 / 1280x1024 / 1368x768 / 1440x900 /	Weight product	0.110 kg
	1600x1200/ 1680x1050/	Dimensions box	15 x 10 x 5 cm
	1920x1080/ 1920x1200/ 640x360/ 856x480 /960x540/ 1024x576	Weight box	0.230 kg
		Included	USB 3.0 cable (Type A to Type B)
Frame Rate	25/29.97/30/50/59.94/60 fps		
Audio and Video capture	standards of UVC and UAC	CE Marking	
OS	Windows 7, Windows Server 2008 R2, Linux (Kernel version 2.6.38 and above), OS X (10.8 and above)	MODEL: AV-CAP100 Gty:1	
Software compatibility	Windows Media Encoder (Windows), Adobe Flash Media Live Encoder (Windows, OS X), Real Producer Plus (Windows),VLC Windows, OS X, Linux, QuickTime Broadcaster (OS X), QuickTime Player (OS X), Wirecast (Windows, S X), Potplayer (Windows) and etc. Development interface compatibility, DirectShow (Windows), DirectSound (Windows), V4L2 (Linux), ALSA (Linux), OS X (QuickTime)	Serial No:	





Avonic Capture Device HDMI to USB3.0Exportweg IlaCAP1002645 ED DelfgauwVersion 1.5The Netherlands© March 2022+31(0)15 7112 712

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