

# AVerMedia

## CromeCap 100

CV910W



# Touchboards

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English

# Quick Guide



## European Union Directives conformance 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 2014/30/EU, 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://solutions.avermedia.com/>

## 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://solutions.avermedia.com/>

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

Canada - Canada Industry Canada (IC) Labelling Requirements

Every manufacturer or importer shall ensure import or before offering for sale, as appropriate, that each unit of the type that they offer for sale bears, in a location convenient for inspection, a permanent label or marking containing (in French and English), the following statement:

ICES-003 (Interference - Causing Equipment Standards)

"This class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada."



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.

## GOST-R Certification (Russia)



AB02

№ РОСС ТW. AB02.B09025  
Срок действия с  
14.02.2013 г по 13.02.2015 г  
Москва

 **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 grounding 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.**

**Disclaimer**

All the screen shots in this documentation are only example images. The images may vary depending on the product and software version. Information presented in this documentation has been carefully checked for reliability; however, no responsibility is assumed for inaccuracies. The information contained in this documentation is subject to change without notice.

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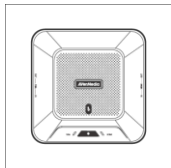
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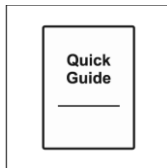
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Picture shown may vary from actual product

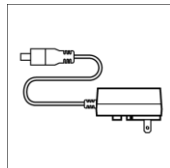
# 1 Package Contents



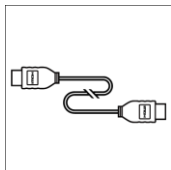
A. CromeCap 100



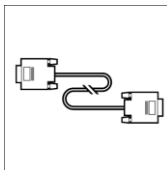
B. Quick Installation Guide



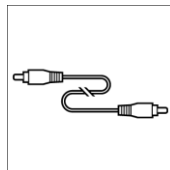
C. Power Adapter



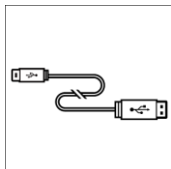
D. HDMI Cable



E. VGA Cable



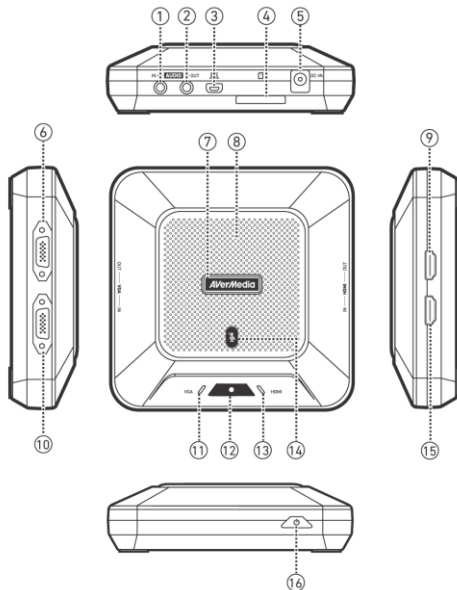
F. 3.5 mm Audio Cable



G. Mini USB Cable

## 2 Hardware

### 2.1 Names of Parts



1. AUDIO IN
2. AUDIO OUT
3. Mini USB Port
4. SD Card Slot
5. DC IN
6. VGA OUT
7. Status Indicator
8. Microphone
9. HDMI OUT
10. VGA IN
11. VGA Indicator
12. Record Button / Indicator
13. HDMI Indicator
14. Mute Button / Indicator
15. HDMI IN
16. Power Button



## 2.2 Getting Started

**Step 1:** Connect the device to an AC outlet and a video source. Insert an SD card\*.  
(Refer to Chapter 3.2–3.4 for details.)


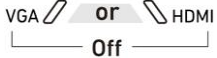
**Step 2:** Press  to turn on the device and wait for  to stop flashing.

- Ready to record **voice** when  turns **solid Green**.
- Ready to record **voice** and **screen** when  turns **solid Green** and **VGA**  or **HDMI**  turns **solid Green**.





**Step 3:** Press  to start recording.

\* A FAT32-formatted SD card is required.

### Troubleshooting

Indication	Cause	Action
 <p>Flashing</p>	SD Card Issue	Insert an SD card or free up more space.
 <p>Off</p>	Signal Error	Check the cable connection, adjust the source resolution, or wake up the source device.

**2.3 LED Indications and Button Functions**

Task	VGA 	HDMI 			
Booting	Off	Off	Off	Flashes <b>Green</b>	
Ready to Record Voice	Off	Off	Off	Solid <b>Green</b>	
Recording Voice	Off	Off	Solid <b>Red</b>	Solid <b>Green</b>	
Ready to Record Voice + Screen	Solid <b>Green</b>	or	Solid <b>Green</b>	Off	Solid <b>Green</b>
Recording Voice + Screen	Solid <b>Green</b>	or	Solid <b>Green</b>	Solid <b>Red</b>	Solid <b>Green</b>
No SD Card / SD Card Full / Low Space	Flashes <b>Green</b>	Flashes <b>Green</b>	Flashes <b>Red</b>	Solid <b>Green</b>	
Signal Error *	Off	Off	Current Indication	Solid <b>Green</b>	
Updating Firmware	Flashes <b>Green</b>	Flashes <b>Green</b>	Off	Solid <b>Green</b>	
Detecting Sound	Current Indication	Current Indication	Off	<b>Green:</b> Moderate <b>Red:</b> Loud	

\* A signal error can occur in the following situations:

- No signal
- HDCP signal
- Unsupported resolution
- PC or tablet in sleep mode

Check your cable connection, adjust the source resolution or wake up the source device to solve these issues.



Capturing protected content like HDCP is not supported; if video source is HDCP-protected, images will not show properly.

<b>Status</b>	
Mute	Solid <b>Red</b>
Unmute	Off


Button	Functions
	Press to turn on the device. Press and hold for 4 seconds to turn off the device.
	Press to start recording, press again to stop recording.
	Press to mute, press again to unmute. Press and hold to start sound test, release to stop. turns <b>Red</b> when the surrounding sound is too loud. *

\* Excessive sound can cause recording distortion. When the Status Indicator turns **Red** constantly, lower the volume or move the device further away from the sound.

### 3 Installation

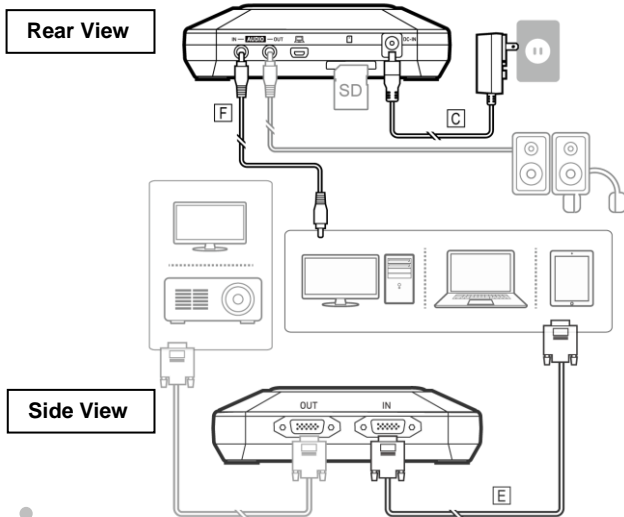
#### 3.1 Video Quality and Recording Setup

**AVerMedia Dashboard PC-Free** helps users to set their desired video quality and environment. You can download the software and driver at [www.avermedia.com](http://www.avermedia.com).

- Step 1:** Connect the mini USB port  on the device to a PC using the included mini USB cable.
- Step 2:** Power on the device. Install the **CromeCap 100 Driver** and run **AVerMedia Dashboard PC-Free** on the PC.
- Step 3:** Choose your settings. Click **Confirm** to save the settings. Disconnect the device from the PC before use.



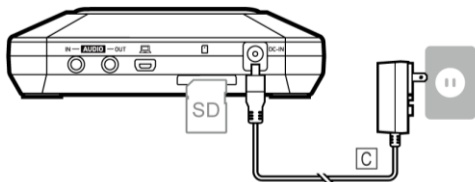
### 3.2 Connect via VGA Cable



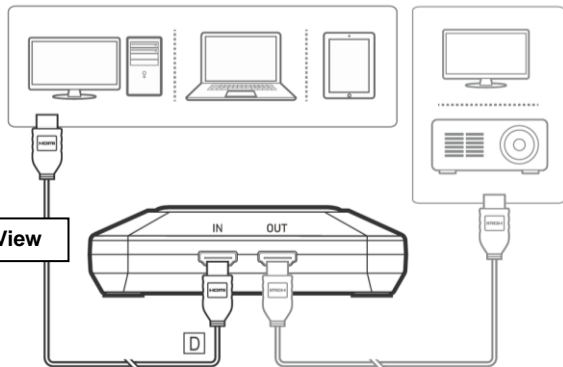
- Only the items marked with alphabets are supplied.
- Speakers or headphones are optional.
- The video input and output must be of the same type.
- We recommend turning on your device before connecting a video source to avoid signal errors. Disconnect and reconnect the source cable if signal error occurs.

### 3.3 Connect via HDMI Cable

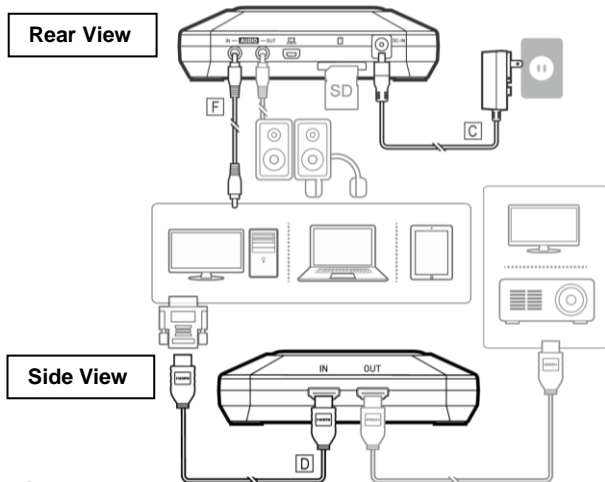
Rear View



Side View



### 3.4 Connect via DVI to HDMI Converter



- For computers without an HDMI port, use a DVI-to-HDMI cable or converter. Also connect your PC to the AUDIO IN port via the 3.5 mm audio cable.
- Select “Duplicate” mode on your PC to ensure screen is recorded.
- Do not disconnect the power cable or remove the SD card during recording.









Model No.: CV910  
P/N 300ACV910XXX  
Made in Taiwan