



USB 3.0 Converter/ Extender to HDMI 1080p 32bit TRUE Color



Model #: C-USB-HDM



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Section 1: Getting Started

1.1 Important Safeguards

Please read all of these instructions carefully before you use the device. Save this manual for future reference.

What the warranty does not cover

- Any product, on which the serial number has been defaced, modified or removed.
- Damage, deterioration or malfunction resulting from:
- Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
- Repair or attempted repair by anyone not authorized by us.
- Any damage of the product due to shipment.
- Removal or installation of the product.
- Causes external to the product, such as electric power fluctuation or failure.
- Use of supplies or parts not meeting our specifications.
- Normal wear and tear.
- Any other causes which does not relate to a product defect.
- Removal, installation, and set-up service charges.

1.2 Safety Instructions

The C-USB-HDM converter USB 3.0 with Audio to HDMI has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment's, the C-USB-HDM should be used with care. Read the following safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Do not dismantle the housing or modify the module.
- Dismantling the housing or modifying the module may result in electrical shock or burn.
- Refer all servicing to qualified service personnel.
- Do not attempt to service this product yourself as opening or removing housing may expose you to dangerous voltage or other hazards
- Keep the module away from liquids.
- Spillage into the housing may result in fire, electrical shock, or equipment damage. If an object or liquid falls or spills on to the housing, unplug the module immediately.
- Have the module checked by a qualified service engineer before using it again.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.

1.3 Regulatory Notices Federal Communications Commission (FCC)

This equipment has been tested and found to comply with Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

Any changes or modifications made to this equipment may void the user's authority to operate this equipment.

1.4 Introduction

Avenview C-USB-HDM Converter/Extender connects to your USB port (preferred USB 3.0) from your desktop to any HDMI Display or Monitor with 1080p 32bit True Color also supporting audio (additional output) with 3.5mm audio out. This video stream can be either dual or multi display support. This device is compatible with both PC/Laptop and iMac notebook using its USB 3.0 connections. It is designed to connect to any HDMI port and has limitless applications in both consumer and commercial environments. This small footprint design is greatly appreciated in the digital signage market, home theater, video games and office cubicles. Set up is as simple as plug and play;

- Supports connect up to 6 (Windows system)/ 4 (Mac OS) monitors to one PC through USB 3.0
- Compatible with LCD, HDTV or Projector,
- It supports resolution up to 1920x1080 (1080P) 32bit true color
- It is capable of mirroring or extending multi-display;
- Standard and wide-screen both are supported (4:3 or 16:9)
- Auto display ID by VESA compliant protocols;
- Audio embedded with HDMI and supports 3.5mm stereo out;
- Plug and Play with **Windows** XP, Vista, 7 and 8.
- Plug and Play with **Mac OS** X Snow Leopard 10.6.8, Lion 10.7.2.
- Powered from USB and no external power adapter is needed

1.5 Package Contents

Before you start the installation of the converter, please check the package contents.

- | | |
|-------------------|-----|
| - C-USB 3.0-HDM | x 1 |
| - Installation CD | x1 |
| - User's Manual | x1 |

1.6 Before Installation

- Put the product in an even and stable location. If the product falls down or drops, it may cause an injury or malfunction.
- Don't place the product in too high temperature (over 50°C), too low temperature (under 0°C) or high humidity.

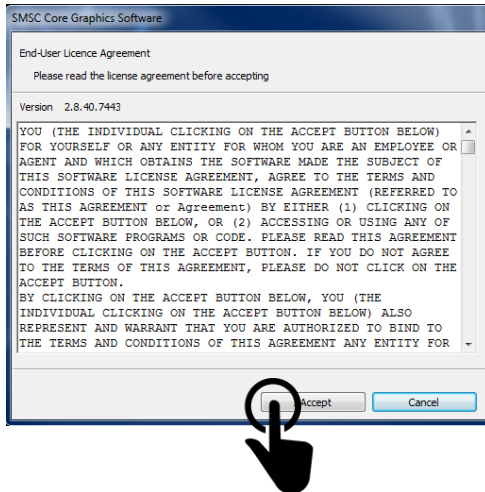
1.7 Parts Required

1	C-USB-HDM	
1	HDMI CABLE	
1	3.5MM STEREO CORD AUDIO OUT TO AUDIO SYSTEM	
1	USB 3.0/2.0 PORT	 LAPTOP/PC OR MAC/NOTEBOOK
1	HDMI MONITOR UP TO 6 MONITORS PC 4 MONITORS MAC	 LCD OR HD MONITOR

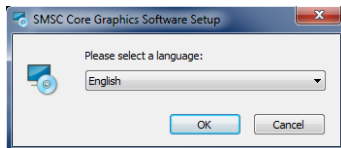
1.8 Installation Software

To setup Avenview C-USB-HDM follow these steps for connecting to a device:

Insert Disk and run the Driver.exe file either Windows or Mac depending on your source.



Select your preferred Language.



Follow through the instructions.

Wait until the Loading and setup process is finished. Depending on the version of Windows or Mac you may have to restart you device.

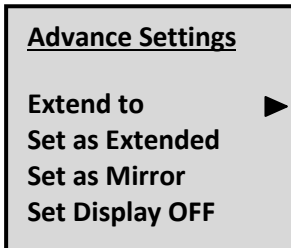
Depending on your version of Windows the driver may install automatically.

1.9 Installation Hardware

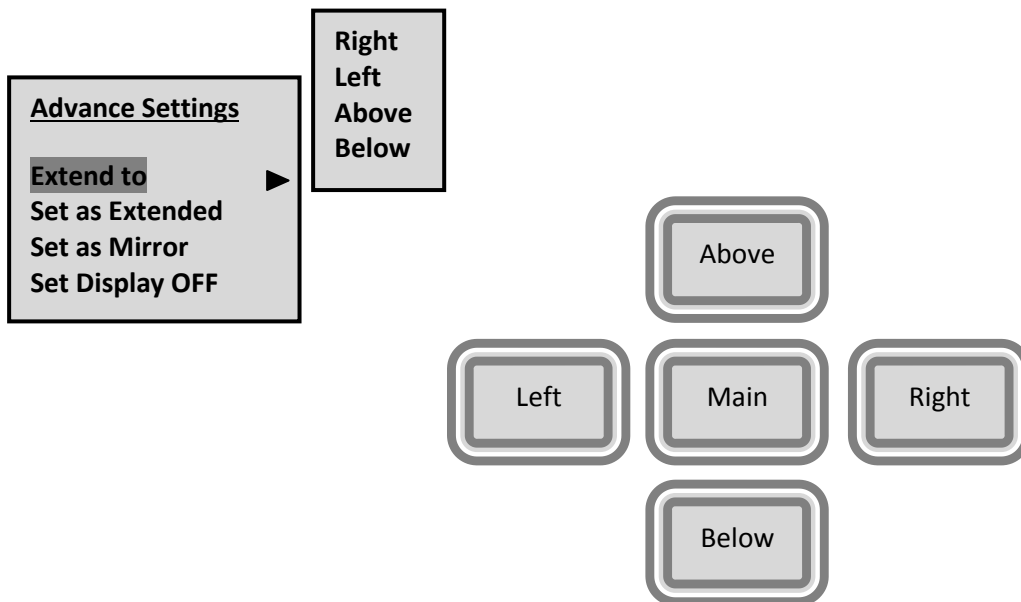
1. Power On source such as Laptop/PC or Mac
2. Connect your C-USB-HDM to input USB 3.0/2.0 device
3. Connect Stereo Audio source to 3.5mm Jack respectively
4. Connect Male to Male HDMI to HDMI Output of C-USB 3.0-HDM
5. Connect other end of HDMI cable to TV or projector with HDMI input

1.10 Operating Instructions

Click on the software icon (VS) on the Taskbar on the lower right hand corner of your desktop PC.



**Example Below shows
Mirror Desktop**



1.11 General Troubleshooting

Problem	Possible Solution
No image output or abnormal display	1). Re-plug USB or change to other PC USB3.0/2.0 ports 2). Unplug USB and restart computer 3). Adjust converter output resolution till it is compatible with TV 4). If all the above can't do, re-install CD driver
The device has been working, but refuses to work after the HDMI cable is disconnected then re-connected.	Unplugging of the HDMI cable during normal use is "not allowed". The device will refuse to work until the USB cable is re-inserted.
Some video can't play normally by some Media Player software	Some Media player software is not compatible with the USB driver. Try another Media player software, or update the media player software version to the current and the driver
Abnormal display after adjusting the resolution of the device	When changing or setting the resolution or output mode of the device. Please stop all streaming media software or programs.
Under XP OS, the video display becomes abnormal after the output model of the device is adjusted by the display properties.	The computer system is not compatible with the driver. Please use the software of the device to adjust output mode.(see part 4 operating instructions)
The device doesn't work after restart.	A: Please don't connect the device before the computer system is completely started, or the device will not be detected by the computer and work normally.

Section 2: Specifications

Item	Description
Units	C-USB 3.0-HDM
Unit Description	USB 3.0 with Audio to HDMI Converter
HDMI Compliance	HDMI 1.3
USB 3.0/2.0	USB 3.0(Preferred) Backward compatible 2.0
Supported Resolutions	Supports USB 3.0 Input: 640x480@60Hz, 800x600@60Hz, 1152x864@60Hz, 1024x768@60Hz, 1280x720@60Hz, 1280x800@60Hz, 1280x960@60Hz, 1360x768@60Hz, 1280x1024@60Hz, 1440x900@60Hz, 1400x1050@60Hz, 1680x1050@60Hz, 1920x1080@60Hz.
CPU Usage	CPU usage rate 10%
Input	1 x USB 3.0 1 x 3.5mm
Output	1 x HDMI/DVI
HDMI Connector	Type A (19 pin female)
USB 3.0 Connector	USB Type A
Audio Connector	3.5mm Stereo Audio
Dimensions (L x W x H)	3" x 2" x 0.6"
Power Supply	Powered by USB Port on Source
Power Consumption	500mA

Environmental

Operating Temperature	32° ~ 104°F (0° to 40°C)
Storage Temperature	-4° ~ 140°F (-20° ~ 60°C)
Relative Humidity	20~90% RH (no condensation)



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