CD750
Full HD USB 3.0 Capture Box

Features

- Max capturing resolution 1920 x 1080 60fps
- USB 3.0 support
- Input sources:
  - HDMI
  - Component

Introduction

AVerMedia CD750 is a USB 3.0 video capture box which can ingest and capture full HD 1920 x 1080 video content from HDMI and component sources for monitoring, archiving or analyzing. To expand the scope of application, CD750 supports mainstream programming languages and shipped with Software Development Kit that includes often-used functions such as de-interlace, video cropping, image/ video overlay, etc.   With AVerMedia Windows driver support, clients are able to choose from a wide range of platforms according to each specific need; making the CD750 the best choice for all Full HD professional capturing applications.

Flexible Input Support
Accelerate video capture workflows by easily integrating the CD750 into any existing environment, HDMI and component, audio input connectors (L/R). The CD750 connects to any SD or HD interface to provide the ability to upload all existing media into a video library or selected storage server.

Lightning Fast Video Transfer with USB 3.0
The CD750 is a 8-bit HD/SD video capture device that supports USB 3.0. It enables the transfer of uncompressed video to a computer in stunning Full HD. Due to its high speed USB 3.0 interface the CD750 delivers its highest resolution at 1920 x 1080 video 60 frames per second of uncompressed video for professional quality playback on laptops and desktop screens.

Remarkable 60 frames per second
The most common consumer recording devices today support higher recording frame rates as do more professional recording devices, such as those used for medical imaging and industrial surveillance. At 60 frames per second, you can improve the quality of a wide range of media recorded for businesses, universities, broadcasting, and manufacturing facilities, providing a more lifelike and smooth video playback experience.

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Connection Diagram

HDMI   USB 3.0

Component   Audio L/R

Specifications

Host Interface	USB 3.0
Audio Interface	HDMI / L R
Audio Format	LPCM / PCM
Audio Sampling Rate	Audio L/R: 48KHz, 16bit HDMI: 32KHz/44.1KHz/48KHz, 16bit
Connector Type	HDMI / RCA
Input Interface	HDMI Component
Video Format	YUY2 (4:2:2)
Color Depth	8 bit
Channel No.	1 Ch
Max. Input Resolution	1920 x 1080 60fps
Max. Recording Resolution	1920 x 1080 60fps

Recording Mode (Compression)	Software encoding
Multi-Card Support	No
Multi-Channel Support	No
Supported OS	Windows 7/8.1/10
Form factor	Box
Dimension (L x W)	18.55mm x 137.2 mm
Power Consumption	3.7 W
Operating Temperature	0°C~50°C
Operating Humidity	0~80% Relative Humidity
Safety Certification	FCC / CE

Versatile SDK

AVerMedia software development kit (SDK), a set of development tools that allows a software engineer to seamlessly integrate video capture modules into application specific systems. Available upon request are the SDK Basic, SDK Pro and to better match each applications specific requirements premium add-on kits.

Ordering Information

- CD750: USB 3.0 Capture Box
- Accessories
  - USB 3.0 Cable
  - Component breakout cable
- SDK kits
  - SDK Basic
  - SDK Pro (Optional)
  - Premium Add-on Kits (Optional)

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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