

# HDCX-Pro



## Live HDMI Capture Adapter with USB 3.0 Output



Capture high definition video from an HDMI source for display on digital signage and video walls

### FEATURES

- HDCP and HDMI 1.4 Compliant
- Supports USB 3.0 and USB 2.0
- Compatible with Windows (7 and up), Linux (2.6.38 and up) and OS X (10.8 and up)
- Supports APIs including DirectShow, DirectSound, V4L2, ALSA and QuickTime
- Resolutions up to 1920x1200
- Connect Multiple Units to a Single Computer
- Enables Up and Down Conversion of Video Resolution
- Features Automatic 48KHz PCM Stereo Audio Output
- Plug-and-Play Ready, no Driver Installation Required
- 64MB DDR2 Onboard Memory for Video Frame Buffering

### APPLICATIONS

- Wall Displays
- Digital Signage
- Airports
- Dealer Rooms
- Control Rooms
- Audio/Visual Presentations
- Shopping Centers
- Security
- Point-of-Sale
- Hotels/Resorts
- KVM Switch



## OVERVIEW

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To feed live video and audio from an HDMI source into a video wall or signage player, the portable HDCX-Pro is a user-friendly HDMI capture adaptor. With one HDMI input and one USB output that supports USB 3.0 and 2.0 devices, it's never been easier to route a camera, graphics card or HDTV source into a computer or signage player, featuring resolution up to 1920x1200. This is an extremely affordable and convenient solution to manage a wide variety of video needs with a PC, digital signage or video wall system. Audio is also supported over HDMI.

With no driver installation required, the HDCX-Pro delivers true plug-and-play functionality in an extremely compact device. That makes it adding and managing live HD video practical, simple and more effective than ever. There's no power adaptor necessary either, which makes this a must-have solution to implement live video feeds on the fly with virtually any video display and management system.

## TRANSFORM DIGITAL SIGNAGE AND VIDEO WALLS

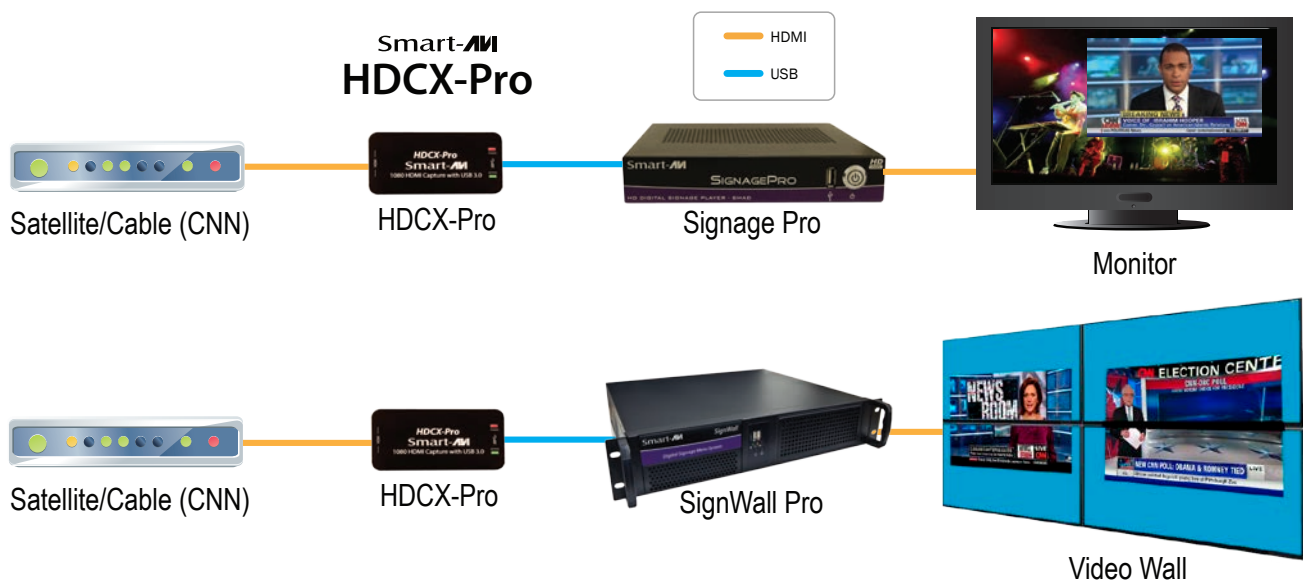
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When paired with SmartAVI's easy-to-use digital signage players, the HDCX-Pro gives users the ultimate in control. Users can implement unique multizone designs with live video using the HDCX-Pro. That means users can run live video while overlaying news, brand imagery, advertisements and other crucial information on the fly. This device provides the ideal solution to include live video content in any digital signage environment, from single-screen plug-and-play set ups to a vast digital signage network controlled from a centralized location.

Similarly, the HDCX-Pro can enhance a video wall system of any size by enabling the inclusion of live video. Whether it's a DVD, camera or HDTV source, users can create more vibrant and dynamic video wall content. Again, with multizone layouts, users can display the messaging they want while also incorporating high-definition live video. And with its incredibly compact design and low price, integrating live content from an HDMI source to a video walls and digital signage is now hassle free.

## APPLICATION DIAGRAM

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HDCX-Pro

STANDARDS	
HDMI Input Interface	HDMI 1.4 compliant, with up to 1080p/60Hz 8-bit, (RGB, YUV)
Output Formats	Resolutions from 640x480 to 1920x1200
Audio and Video Capture	Meets standards of UVC (USB video class) and UAC (USB audio class)
CONNECTION	
Input Interface	1x HDMI
HDMI Audio Input	LPCM audio signal
Output Interface	1x USB 3.0
OTHER	
OS Support	Windows 7 and up, Linux (Kernel version 2.6.38 and above), OS X (10.8 and above)
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, OS X), etc.
APIs	DirectShow (Windows), DirectSound (Windows),V4L2 (Linux), ALSA (Linux)
Onboard Memory	64MB DDR2, 16 bits@ 300 MHz
Upgrade	The firmware can be upgraded
Size	84.25x42.8x12.6 (L/W/H, mm)
Power Consumption	<= 2.5W
Operating Temperature	0-50 degree centigrade
Storage Temperature	-20-70 degree centigrade
Operating Humidity	5%-90 %

ORDERING INFORMATION	
Part No.	Description
HDCXPROS	Live HDMI Capture Adapter with USB 3.0 Output: Includes: [HDCXPROS]