

Summary

The Kernel Labs Linux driver for Hauppauge Colossus allows for the deployment of the Hauppauge Colossus in desktop, server, or datacenters.

Because of its support for a variety of video interface types and PCIe formfactor, it is well suited for inclusion in high-density capture environments.

Features:

- ✓ H.264 encoder with AAC audio encoding
- ✓ AC3 Audio Passthrough via optical or HDMI interface
- ✓ Automatic resolution and framerate detection
Configurable bitrate up to 20 Mbps
- ✓ Support for all inputs supported by the hardware (HDMI, component, composite)
- ✓ Support for all resolutions/framerates provided by the hardware
- ✓ Component video and optical audio passthrough enabled (to connect to an external display)
- ✓ Support for multiple cards installed in a single server

Application compatibility:

- ✓ Uses the standard Video4Linux API
- ✓ Gstreamer
- ✓ VLC
- ✓ Mplayer
- ✓ Xine
- ✓ V4l2-ctl



Supported Linux distributions:

- ✓ Red Hat
- ✓ Fedora
- ✓ Ubuntu

Supported Resolutions:

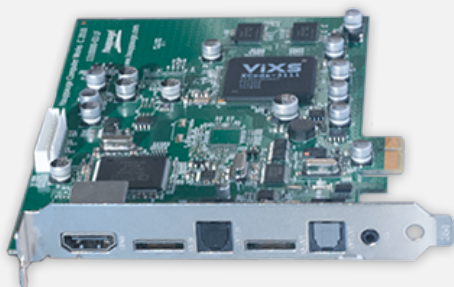
- ✓ 1920x1080i/60
- ✓ 1920x1080i/50
- ✓ 1280x720p/60
- ✓ 1280x720p/50
- ✓ 640x480i/60
- ✓ 640x480i/50

System Requirements:

- Intel x86 or x86/64 based PC
- PCIe 1x slot
- Supported Linux distribution

Availability:

- Currently shipping
- Site licenses available
- Redistribution license available



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