

## Summary

The Kernel Labs SDK for Hauppauge HDPVR 2, HDPVR 2 GE and HDPVR 2 GE Plus allows for the deployment of the Hauppauge HDPVR 2, HDPVR 2 GE and HDPVR 2 GE Plus with desktops, servers, or datacenters.

The SDK is optimized for integration into existing applications that require HD compressed video capture without requiring rebuilding the Linux kernel or installing custom kernel drivers.

## Features:

- ✓ H.264 encoder with AAC audio encoding
- ✓ Adjustable Bitrate/Quality Vs Disk Space usage
- ✓ Support for all inputs (HDMI, component, composite, optical and RCA)
- ✓ Support for all resolutions/framerates provided by the hardware
- ✓ Zero delay HDMI passthrough
- ✓ Adjust Brightness, Contrast, Hue, Saturation and Sharpness
- ✓ Support for multiple capture devices with a single server

## Developer Features:

- ✓ Dynamic or static-linked library with C based API
- ✓ Sample code included for common use cases
- ✓ Command line tool to capture video (includes full source code)
- ✓ Doxygen API documentation for all public interfaces
- ✓ No external runtime dependencies other than libusb



## Supported Linux distributions:

- ✓ Red Hat
- ✓ Fedora
- ✓ Ubuntu

## Supported Resolutions:

- ✓ 1920x1080p/60 (Recorded as p30)
- ✓ 1920x1080p/50 (Recorded as p25)
- ✓ 1920x1080i/60
- ✓ 1920x1080i/50
- ✓ 1280x720p/60
- ✓ 1280x720p/50
- ✓ 720x576i/50
- ✓ 720x480i/59.94
- ✓ 640x480p/60

## System Requirements:

- Intel x86 or x86/64 based PC
- USB 2.0 port
- Supported Linux distribution

## Availability:

- Currently shipping
- Site licenses available
- Redistribution license available

For More information, contact us at:

**Email:** [sales@kernellabs.com](mailto:sales@kernellabs.com)

**Phone:** +1.646.355.8490

Kernel Labs, Inc.  
PO Box 745 St. James,  
NY 11780-2223