

REAL DVD Studio PRO USB



External USB 2.0 video recorder device. The REAL DVD Studio PRO USB is the newest type of MPEG I, II & IV compressing card. With the CX23416, its dedicated chip to encode video you will obtain a professional quality in your video-editing works.

With this card and the built in software, you will turn your PC in an authentic video studio.

System Requirements

CPU: Pentium III 700 MMX or superior
One free USB 1.1 port with the driver correctly installed (USB 2.0 highly recommended)
Memory: 128 Mb system memory (256 Mb recommended)
150 Mb free hard disk space for program installation. 4 Gb free Hard disk space (2 hours recording with 4 Mb/s video)
Graphic card: PCI/AGP with 8 Mb memory minimum (32 Mb recommended), 16 bits and 800x600 resolution
DirectX 8.0 or above
AC'97 compatible sound card
1 CD-ROM device minimum. CD-RW or DVD RW for recording in VCD, SVCD & DVD formats
Microsoft Windows 98SE/2000/Me/XP

Features

- Philips's newest video decoder SAA7115 chip, 9 bits sampling, pectinate filter, outstanding video quality.
- Record DVD-quality video on PC (720x480-NTSC, 720x576-PAL). Support several video resolutions, compliance with DVD, SVCD, VCD standards. Support A/V split, SVCD, VCD DVD and MPEG IV capture formats.
- Real time MPEG I & II hardware compression of video and audio. MPEG IV software compression.
- Support Constant Bit Rate (CBR) and Variable Bit Rate (VBR) encoding.
- Video digit rate: variable, up to 15 mbit/seg
- GOP sequence : I, IP, IBP. GOP structure : The repeat frequency of the base frame (M) 0-3 ; length (N) 1-19
- Captures video from analogical sources (VHS, V8, Hi8,...)
- Built in professional video edition software Intervideo WinCreator.
- Make interactive video as VCD, SVCD & DVD.
- Support hardware pause.
- Audio and video coders are localised in the same chip to ensure the synchronization of video and audio.
- Integrated video pre-arrangement and post-proceeding to provide super video quality.
- Brightness, Contrast, Hue and Saturation controls.
- Windows XP MCE supported

Specifications

General Specifications:

- Bus interface: USB 1.1 & 2.0 compliance

Video:

- Input video source: one S-Video input and RCA Composite Video.
- Input format: NTSC, PAL optional software.
- Video resolutions:
 - DVD** (720x480-NTSC, 720x576-PAL)
 - MPEG2** (720x480 / 640x480 / 480x480 / 352x240 - NTSC) --(720x576 / 640x576 / 480x576 / 352x288 - PAL)
 - SVCD** (480x480-NTSC, 480x576-PAL)
 - VCD** (352x240-NTSC, 352x288-PAL)
 - MPEG1** (352x240-NTSC, 352x288-PAL)
- Video Bit ratio
 - DVD** 1~9Mbit/sec, Default 6Mbps (CBR, VBR)
 - MPEG-2** 1~15Mbit/sec, Default 6Mbps (CBR, VBR)
 - SVCD** 2~2.5Mbit/sec, Default 2.4Mbps (CBR)
 - VCD** 1.15Mbit/sec, Default 1.15Mbps (CBR)
 - MPEG-1** 0.5~8Mbit/sec, Default 5Mbps (CBR)

Audio:

- Audio input: 3.5mm stereo connector.
- Audio output: 3.5mm stereo connector.

Chips included:

- Audio decoder: Stereo
- Video decoder: SAA7115
- Hardware MPEG I & II compression chip: CX23416

Size: 30 mm (W) x 220 mm (D) x 70 mm (H)

Applications

VCD, SVCD & DVD creation
Remote education
Remote monitoring
Release briefing
High quality video conference
Medical video images
TV program transmission
VOD system, multi-point video broadcast system
Internet/Intranet video streaming applications
MPEG video capture and editing
High-definition recording system for medical monitoring

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