



High-Speed Digital Capture

Connect Analog Camera, Camcorder, VCR to Your PC

The D-Link DUB-AV300 Digital Capture is a high-speed video-displaying/capturing device that provides a powerful interface between your PC and your analog camera/camcorder/VCR. It allows you to use your analog camera to carry out video conference, video mail, surveillance and periodic or long-time recording from your PC. Using resolutions as high as 720 x 480 dpi, the device converts your analog data and compresses it to MPEG1/2/4 or other digital data formats. In addition to the video image, audio data from your camcorder/VCR is also captured and converted to the compressed digital format.

High-Speed Connection to PC

The DUB-AV300 uses built-in hardware MPEG1/2/4 encoder/decoder IC capable of processing video stream data, providing very high-speed analog-to-digital conversion from your analog camera/camcorder/VCR. Interface with your PC is through a high-speed USB 2.0 port. This USB port can also connect to a downstream USB hub, if your PC is connected to such a device. To your VHS camcorders and VCRs, the DUB-AV300 provides an S-jack and RCA audio/video input, allowing your PC's USB bus to take audio/video streams from your analog device.

Video Recording and Frame Capture

Once connecting your camera/VCR to your PC, you can begin making digital video from traditional analog video stream immediately. The DUB-AV300's bundled software allows you to record digital video directly to a PC's hard drive, record digital video for attachment to an e-mail, capture still frames, and set up motion-sensing video recording.

High Quality Video

The DUB-AV300 allows you to capture 30 frames per second, 720 x 480 resolution high quality image on your PC's hard disk via the USB bus. It captures CD quality stereo audio by 16 bits, 24KHz sampling rate with A/V synchronization feature. The snapshot function lets you catch 720 x 480 still images from your video source.

Format Conversion, Video Editing and DVD Burner

With the user-friendly program DVD Plus included, you can easily transfer the captured bit stream into other standard formats as your wish, such as AVI, MPEG4, VCD, DVD and so on. Video editing software for family movies is bundled with this device to allow you to edit and save digital video on your PC's hard disk or CD. You can attach the recorded digital video to your e-mail, capture still frames and set up motion-sensing video recording.

Functions and Features

- Hardware-based high-speed analog to digital video conversion
- Video resolution up to 720 x 480 (NTSC), 720 x 576 (PAL)
- Snap shot: 720 x 480 still image
- Video bit rate: up to 10Mbps
- Audio bit rate: 48Kbps to 8Kbps
- Audio capture with audio/video synchronization function
- Capturing and recording formats: AVI, MPEG1/2/4, WMV, ASF, Divx
- Saturation, contrast, hue, brightness adjustment
- MPEG movie creation
- Direct burn-to-disc of recorded MPEG1/2/4 with VCD, SVCD & DVD quality (burner software included)
- MPEG movie creation with video editing software included
- Menu function control
- Fast USB 2.0 interface to PC

DUB-AV300

Technical Specifications

System Requirements

- Pentium IV 2GHz or above
- 256MB RAM or more
- Microsoft Windows XP, 2000 with SP4
- Microsoft DirectX9 or higher
- One Available USB Port (USB 2.0 recommended)
- VGA card with 32MB RAM
- CD-R/W, DVD-R/W DVD+R/RW or DVD-RAM (for VCD, SVCD, DVD)

Output to PC

USB 2.0

Input From Camcorder, VCR, DVD

- S-Video (S-Terminal)
- RCA jacks (3 RCA jacks: 2 for audio, 1 for video)

Resolution

- DVD resolution quality: 720 x 480 @ 30fps (NTSC), 720 x 576 @ 25fps (PAL)
- SVCD resolution quality: 480 x 480 @ 30fps (NTSC), 480 x 576 @ 25fps (PAL)
- VCD resolution quality: 352 x 240 @ 30fps (NTSC), 352 x 288 @ 25fps (PAL)
- Snap shot: 720 x 480 still image

Physical & Environmental

Power Input

Powered directly from USB bus, no external power adapter required

Dimensions

111 (L) x 70 (W) x 22 (H) mm

Weight

100 grams

Operating Temperature

0° to 50 °C

Storage Temperature

-10° to 60 °C

Operating Humidity

10% to 90% non-condensing

Emission

- FCC Class B
- CE
- C-Tick

Software & O.S. Driver Support

- MPEG Editor, DVD Creator software (included with DUB-AV300)
- Microsoft Windows 2000 SP4, XP

Package Content

- DUB-AV300 Digital Capture
- USB 2.0 cable
- Audio/Video cable
- Quick Installation Guide
- CD (includes driver programs for Windows and Video Editing Software)

Audio/Video Grabber



Ordering Information

DUB-AV300

Audio/Video Grabber

D-Link®

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