



## MPEG Encoder/TV Tuner

### Analog to Digital Audio/Video Converter & TV Tuning

The D-Link DUB-T210 provides two convenient functions for PC users: (1) it connects your analog camera, camcorder and VCR to your PC to convert analog to digital image/sound for editing, and (2) it connects to your PC to your cable TV line to let you view TV programs on your computer screen and save these programs in digital AVI or compressed MPEG formats on your hard disk or CD ROMs. This compact digital home device supports all popular multimedia formats today, and is supplied with all the hardware and software ready for you to create movie-like sounds and images, edit them and burn them on CD/DVD.

#### TV Viewing

The DUB-T210 MPEG Encoder/TV Tuner connects to your cable TV line through a coaxial port and displays TV images on your PC screen. TV channels can be selected using a remote control. You can record as the TV show that you are watching, or use the built-in scheduler to capture an upcoming program. A time-shift function allows you to instantly replay specific TV scenes. The DUB-T210 converts TV images to MPEG1/2/4 or other formats, so you can save it on your hard disk. Audio sound is captured along with video. Program editing can be made using the MPEG editor, and saved on a CD or DVD.

#### Camera/Camcorder/VCR Interface to PC

The device also provides a powerful interface between your PC and your analog camera/camcorder/VCR. It converts analog images and sounds from your camera or VCR and compresses them to MPEG or other digital data formats so you can edit and save on CD or attach to emails for sending. The DUB-T210 connects to your VHS camcorder or VCR through an S-video connector or RCA audio/video connectors.

#### Easy and Fast Connection to PC

The DUB-T210 comes with a high-speed USB 2.0 port for fast interface to your PC's USB 2.0 port. This port can also connect to a downstream USB hub, if your PC is connected to such a device.

#### Video Recording and Frame Capture

Necessary software is provided for you to begin making digital video from traditional analog video stream immediately. The software allows you to record digital video directly to a PC's hard drive, record digital video for attachment to an e-mail, and capture still frames.

#### High Quality Video

The DUB-T210 allows you to capture 30 frames per second, 720 x 480 resolution (NTSC) high quality image on your PC's hard disk via the USB bus. The DUB-T210 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, SVCD, VCD, DVD and so on. MPEG Editor video editing software and DVD Maker 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.

### Key Features

- Full TV tuner functions: CATV, VHF, UHF
- Real time or pre-scheduled TV program recording and playback
- Full-channel/auto-scan function
- Time shift function, multi-channel TV sound (MTS) support
- 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
- Video bit rate: up to 10Mbps
- Audio bit rate: 8Kbps to 48Kbps
- Audio capture with audio/video synchronization function
- Capturing and recording standard formats: AVI, MPEG1, MPEG2, MPEG4
- Saturation, contrast, hue, brightness adjustment
- Direct burn-to-disc of recorded MPEG1/2/4 with VCD, SVCD & DVD quality
- MPEG movie creation with video editing software included
- USB 2.0 interface to PC
- Slim, compact remote control included

# DUB-T210

## Technical Specifications

### System Requirements

- CPU 1.2 GHz or above (CPU 2.4GHz or above is required for real-time recording)
- Microsoft Windows 2000 SP4 or XP
- Microsoft-DirectX 8.1 or above
- Minimum 256MB RAM
- CD-ROM, CD-R/RW, DVD+R/RW, DVD-R/RW
- 16-bit or better sound card
- One available USB 2.0 port
- PCI/AGP VGA card with minimum 64MB RAM

### Output to PC

USB 2.0

### Input From CATV

Coaxial connector

### Input From Analog Camcorder, VCR, DVD

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

### TV

- NTSC and PAL support
- Time-shift function
- MTS (Multi-channel TV Sound) support
- Automatic channel configuration
- Automatic recording through advanced scheduling

### Data Compression & Recording

- Real-time MPEG1, MPEG2, MPEG4 recording and playback
- Background recording when PC is in use
- Video CD compliant
- Compression ratio and image quality control through software

### Screen Display

Full-screen or TV in a window

### Physical & Environmental

#### Power Input

Powered directly from USB bus, no external power adapter required

#### Dimensions

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

#### Weight

168.6 grams (device only, without remote control)

#### Operating Temperature

0° to 55°C

#### Storage Temperature

-35° to 75°C

#### Operating Humidity

10% to 90% non-condensing

#### Emission

- FCC Class B
- CE
- C-Tick

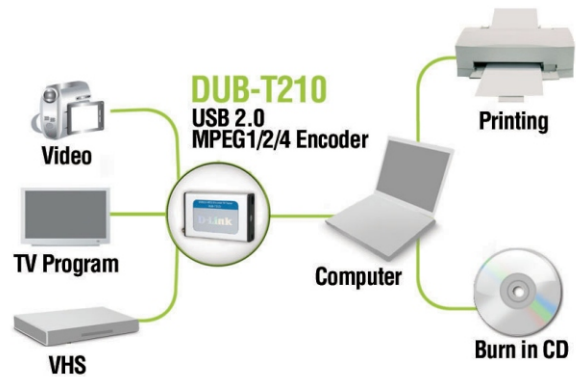
### Software & O.S. Driver Support

- MPEG Editor, DVD Maker software (included)
- Microsoft Windows 2000 (SP4), XP

### Package Includes

- DUB-T210 MPEG Encoder/TV Tuner
- USB 2.0 cable
- Audio/video cable
- S-Video to RCA converter
- Audio cable (for Windows 2000 only)
- Remote control
- CD (includes software and driver programs, User's Manual)
- Printed Quick Installation Guide

## MPEG Encoder/TV Tuner



### Ordering Information

**DUB-T210** MPEG Encoder/TV Tuner

*Please specify your order as follows:*

**IUBT-210** For use with NTSC system  
**IUBT-210P** For use with PAL system  
**NUBT-210P** For use with PAL system  
**TUBT-210** Taiwan packaging, for use with NTSC system

## D-Link®

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| <b>D-Link Corp.</b>        | TEL: 886-2-2916-1600  | FAX: 886-2-2914-6299    |