

VisualStream™ Digital Multimedia

Complete Audio Visual
Communication



DSB-C310

WebCam for video recording, complete with voice via a built-in micro-
phone. Still picture taking is also possible, through a snap-shot button.

300K Pixel Internet Camera for PC

The DSB-C310 WebCam Digital Video Camera is designed for use with a PC, it simply connects to your PC through a USB 1.1 connector. Supports 64 million colors at 30 frames per second, this camera uses an advanced light-sensing CMOS technology. As a fully contained unit, no video capture card or additional hardware is necessary.

Plug-and-Play Connection

With USB plug-and-play installation, all you have to do is plug in the camera into your PC's USB port. Your PC will automatically take care of the configuration. Better yet, you can easily install the camera on your notebook PC as well as on any desktop machine. DSB-C310 draws power directly from the USB bus, making it ideal for use with laptop and portable computers.

Video & Audio Functions

The DSB-C310 is much more than a PC digital Camera, it is a complete audio visual communication system. It combines state-of-the-art optical technology, a hands-free audio microphone, and complete audio-visual software, all at an affordable price.

With the DSB-C310, you can turn your PC into an Internet audio visual phone. It is the next best thing to being there personally. Get closer to family and friends. The DSB-C310 delivers 300K resolution. With easy-to-follow instructions, everything you need to start communicating on your PC is in this box.

More Than Just a Camera

The DSB-C310 comes complete with all necessary hardware and software ready for you to begin making digital video. The software allows you to record digital video directly to a PC's hard drive, record digital video for attachment to an email, and capture still frames. A built-in microphone allows audio to be added to recorded video. In the video-conference mode, you can do one-on-one chats or full meetings with group chat features.

Applications

The DSB-310 can be used for the following applications:

- Video-conferencing
- Video mail
- Personal surveillance
- Remote customer's service
- Personal album
- Remote tutorial

Key Features

- Easily attaches to desktop or notebook PC
- 640 x 840 resolution
- Flicker-free still image capture
- Send video e-mail
- Add video messages to e-mail
- Video conference with Microsoft NetMeeting™
- Video conferencing 1-on-1 or with a group
- Color CMOS sensor
- Supports 64 million colors
- Built-in microphone
- Plug-and-play USB 1.1 connection
- Video & photo editing software included
- 30 seconds of video mail at under 500KB file size using leading-edge compression software

DSB-C310

Technical Specifications

PC Camera

Sensor

1/5 inch CMOS image sensor

Resolution

300K pixel (640 x 480) resolution

Lens

F/2.6 Aperture

Focus Length

Manual, 10 cm ~ ∞

Image Enhancement Control

- Brightness
- Contrast
- Gamma
- Saturation
- Sharpness

Exposure

- Automatic optical exposure
- White balance and gain control

Image Performance Enhancement

Data compression supported

Video Software Functions

- Video mail
- Video conferencing
- Still image capture
- Personal security system

Host Interface

- USB specification 1.1 supporting OHCI, UHCI
- Standard USB Type A interface with hot plug-in/out function
- Powered from USB interface, no external power required

Performance

- 30 fps @ QQVGA (160 x 120)
- 30 fps @ QVGA (320 x 240)
- 15 fps @ VGA (640 x 480)

Light control

Automatic exposure

Display Color

24-bit true RGB color

Minimum Luminance

8 lux

LED Indicator

Power

Minimum System Requirements

- CPU: Pentium 233 MMX
- Memory size: 32 MB RAM
- USB 1.1. port
- Microsoft Windows 98

Additional Hardware Requirements for Video-conferencing and Video Mail

- 16-bit sound card or above
- Speaker
- 56Kbps modem or DSL/cable modem

Physical & Environmental

Power Consumption

110mA @ 5V operating

Operating Temperature

0° - 50 °C

Storage Temperature

-10° - 60 °C

Operating Humidity

10% - 90% non-condensing

Emission

- FCC Class B
- CE Class B



Ordering Information

DSB-C310 USB Digital video Camera (300K resolution)

D-Link®

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