

DZBD7HA Blu-ray/30GB HDD/DVD Hybrid Camcorder

HITACHI
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Blu-ray Disc Hybrid Camcorder with Built-in 30GB HDD FullHD (1920 x 1080) High Definition Video Recording

Performance Features

5.3 Mega Pixel 1/2.8" CMOS Image Sensor

Captures high definition video through a newly developed CMOS image sensor that can record video at 1920x1080/60Hz and still images at 2400x1800 pixels.

8cm BD-RE-R/DVD Drive

Hitachi has developed a compact, low power consuming, quiet and highly reliable 8cm BD/DVD drive which is compatible with five types of industry standard discs: BD-RE-R, DVD-RAM/RW-R.

30GB Built-in HDD

Enables the hybrid camcorder to record up to four hours of 1920x1080 video or eight hours of 1440x1080 video.

Hitachi Exclusive High Resolution Image Processing LSI

Efficiently analyzes large volumes of data captured by the 5.3 Mega Pixel CMOS image sensor and improves picture quality by reducing noise and delivering vibrant colors.

Easy Dubbing

With the 1-touch dubbing feature users can burn entire movies saved on the HDD to BD. Alternatively, you can create your own highlight reel by selecting on the highlight scenes.

Transcoding

Allows for users to select high definition video stored on the HDD to be transferred to standard definition DVD copies using the 1-touch dubbing feature.

Photo Capture

Select any frame from your movies on the camcorder and turn them into a 2.07 Mega Pixel digital still photograph. Simply save the photo to an SD™ card and then print or share.

1-Second Quick Start

Simply have the camcorder in standby mode and in one second the camcorder is up and recording. Not only is the camcorder ready to record instantly but it's also consuming less power.

Built In "Interactive Guide"

An instructional utility program built into the camcorder that guides users through setup and input/output connections with peripherals.

Disc Navigation

Instant Access to Selected Scenes and In-Camera Editing Features

Widescreen 2.7" LCD View Finder

16:9 Widescreen Recording

Video Recording

Recording Media

HDD: 30GB HDD (Embedded)

BD¹: 8cm BD-RE-R

DVD²: 8cm DVD-R/RW-RAM

Recording Format

HDD: 30GB HDD (Embedded)

BD¹: MPEG-4 AVC/H.264

(BD-R Ver.2.0/BD-RE Ver.3.0)

DVD²: MPEG-2 (DVD VR/DVD-Video Mode)

Recording Time

HDD: 4 hours (HX mode) 1920x1080

: 5.3 hours (HF mode) 1440x1080

: 8 hours (HS mode) 1440x1080

BD¹: 1 hour (HX mode) 1920x1080

: 1.3 hours (HF mode) 1440x1080

: 2 hours (HS mode) 1440x1080

DVD²: 20 Min (SX mode) 720x480

: 30 Min (SF mode) 720x480

Video Dubbing/Transfer

Transfer of Video from HDD to BD or DVD

- 2x Dubbing/Transfer Speed (BD Only)

- One Touch Dubbing Button

- Dubbing Selection By: New/Date/Select/All

Still Image Recording

• Media: SD™ Card (Up to 2-GB)

• Format: JPEG (DCF/Exif 2.2)

• Max Res.: 2400x1800 (4.32 Mega Pixels)

• Quantity: Approx 200 per 512mb SD Card

• Built in Flash...Auto/On/Off

• 2.07 Mega Pixel (1920x1080) Still Photo Capture from High Definition Video

Lens

• HD lens 12 element in 9 group, 18 surfaces multi-coated lens

• EIS (Electronic Image Stabilization)

• Auto/Manual Focus

• Optical/Digital Zoom: 10x/500x²

• Filter Diameter: 43mm

• Aperture: F/1.8 – F/3.0

• Focal Length: f/5.0 – 50mm

- Video: 47 – 470mm (35 mm equivalent)

- Still: 34.5 – 345mm (35 mm equivalent)

Inputs/Outputs

(1) HDMI Output

(1) Component Video Output

(1) USB 2.0 PC Connection

(1) S-Video Output

(1) Composite AV Output

(1) Microphone Input³

Audio

• 2 Channel Stereo Dolby Digital

Power Consumption

• 5.7W (EVF BD)⁴

Battery Life

• 100 min (EVF)⁵

Supplied Accessories

• Battery

- DZ-BP14S (Li-ion 1360mAh)

• 8 cm BD-RE Disc

• USB Cable

• PC Software for Video Authoring

• Multi-connector AV Cable

• Remote Control Unit

• Battery for Remote

• Disc Cleaning Cloth

• Instruction Manual and Quick Guide

Dimensions (estimated)

• Height: 3 7/8"

• Width: 3 1/2" (excluding hand strap)

• Depth: 6 1/2"

• Weight: 1 lb 6 1/3 oz. (w/o battery/disc)

Warranty

• 1-Year Parts Warranty, 90-Day Labor Warranty

¹ Single-layer disc

² Digital Zoom works for video shooting only.

³ Plug-in power type microphone can be used.

⁴ HX mode, HDD recording, with LCD display off

⁵ Measured under HX Mode, Auto AE, Manual Focus, LCD off, with battery type DZ-BP14S

All specifications, features and dimensions are subject to change without notice. Refer to www.hitachi.us/tv for updates or more information.

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