

# DZBD70A Blu-ray/DVD Camcorder

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## Blu-ray Disc Camcorder 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.

#### 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.

#### 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.

#### Finalize Button

Easy one-touch operation for the critical last step of creating a DVD disc for playback in DVD players.

#### 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

- BD<sup>1</sup>: 8cm BD-RE/-R
- DVD<sup>2</sup>: 8cm DVD-R/-RW/-RAM

#### Recording Format

- BD<sup>1</sup>: MPEG-4 AVC/H.264 (BD-R Ver.2.0/BD-RE Ver.3.0)
- DVD<sup>2</sup>: MPEG-2 (DVD VR/DVD-Video Mode)

#### Recording Time

- BD<sup>1</sup>: 1 hour (HX mode) 1920x1080
- : 1.3 hours (HF mode) 1440x1080
- : 2 hours (HS mode) 1440x1080
- DVD<sup>2</sup>: 20 Min (SX mode) 720x480
- : 30 Min (SF mode) 720x480

#### 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/500x<sup>2</sup>
- 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 Input<sup>3</sup>

### Audio

- 2 Channel Stereo Dolby Digital

### Power Consumption

- 6.7W (EVF BD)<sup>4</sup>

### Battery Life

- 90 min (EVF)<sup>5</sup>

### 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" (excluding hand strap)
- Depth: 6 1/2"
- Weight: 1 lb 4 3/8 oz. (w/o battery/disc)

### Warranty

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

<sup>1</sup> Single-layer disc

<sup>2</sup> Digital Zoom works for video shooting only.

<sup>3</sup> Plug-in power type microphone can be used.

<sup>4</sup> HX mode, with LCD display off

<sup>5</sup> 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](http://www.hitachi.us/tv) for updates or more information.

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