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Perfect Partners

Hitachi's DVD Cameras are only part of the total solution of products designed for the way you live your life. And within Hitachi's DVD family, the DV-P335E DVD player, DV-PF3E Combination player and HTD-K160 Home cinema entertainment system are the perfect partners for the DVD Camera.



DV-P335E



DV-PF3E



HTD-K160



Dealer stamp


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DVDCAM



From the company who were the first in the world to launch a DVD Cam prepare to be amazed by the new range of Hitachi DVD Camcorders.

the must have camera



Hitachi's launch of the DVD Cam three years ago was a groundbreaking innovation, and where Hitachi have led, others have had to follow.

Now with the new generation of DVD Cameras Hitachi has broken the rules again and produced the world's smallest DVD Camera. From just 57mm slim and packed with all the functionality and ease-of-use that you would expect from a product this stylish. So with a camera that looks this good, why stick with tape... Go DVD.

Convenience

This is simply the world's smallest DVD Camcorder - but size is not all that's impressive about this camera.

A lightweight camera that not only fits into your pocket or bag, but also takes both stills and movies with the great quality format of DVD. With a choice of media of DVD-RAM, DVD-R and SD card, you can view back your stills or film either on the camera's compact LCD screen or simply take out the disc and play directly back onto your DVD player.

We've also made it better all around - with camera features to ensure that your footage is perfect, to quick and easy viewing and all around editing.

... The Hitachi DVD Cam really is the must have camera.

So you want to be convinced that this is a great camera?

We've all got used to the fantastic quality of DVD, especially compared to tape based products such as films on VHS, so it makes sense to own a camcorder that records onto DVD Disc. You can record your own pictures or film directly onto DVD format with the long-term durability that tape-based formats just can't match.

When you're ready to start recording you can choose between movies or stills and then select your format – DVD-R (movies), DVD-RAM (movies/stills) or SD Card (stills) – check out the table below to see all the differences between these formats.



Now the beauty of disc based recording kicks in. This is an intelligent piece of kit and via the easy Multi-mode function you can select from either digital stills or motion film. The camera will automatically go to an available free space on the disc so there's no time wasted in searching for a place to record and no danger of accidentally erasing existing material.

The DVD Cam utilises the high quality and high efficiency of MPEG2 technology so you can select between extended recording time or increased recording quality. Additionally the DZ-MV380E with Megapixel can record 1998 JPEG stills at a resolution of 1024 x 768.



DVD-R



DVD-RAM



SD CARD

MEDIA
VIDEO
STILLS

•*

•

•

*The basics are that with DVD-R you can only use the disc once for moving images, whereas with DVD-RAM you can record both moving and still images over and over again on the same disc. You can also take advantage of the simple to use, video editing facilities. With DVD-R you can finalise the disc, which takes a couple of minutes, and then play it straight back in your DVD Player**



Features abound to make your filming as professional as it can be – with 10x optical lens (240x digital zoom) to get right into where the action is, an Electronic Image Stabilizer to ensure rock steady recording on the move and a 2.5 inch LCD screen so you can compose your shots and review them as you film.

In addition the top of the range model comes with a Hot Shoe for flash. If its just stills you're shooting then you also have the option of saving them direct to the SD Memory card in high, standard or low compression.

... So what are you waiting for – get filming.

capture the action

PLAYBACK

Its obvious that DVD is going to be the standard for all recording and playback in the home or office because of the outstanding quality in sound and picture plus the convenience of this format.

SD Card

A major new step up feature for this generation of DVD Cam is the inclusion of the SD (Secure Digital) Memory Card for still photos. Photos can be copied across from the DVD-RAM disc or shot directly onto the SD Memory Card in high, standard or low compression.

The beauty of this card is in its convenience – Featuring DPOF (Digital Print Order Format) you simply remove the card and you have a choice of options; to take this straight to a Digital Photo Processing shop for developing into photos, or put it straight into your printer*5 and print out your favourite pictures instantly.

Watch out for more product developments over the next year, which will include DVD players and TVs with access for SD slots.



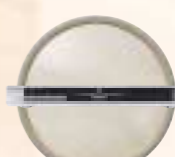
Printer



PC Computer



Plasma TV



DVD-Player

With the new generation Hitachi DVD Cameras, playback is simplicity itself, whether you want to playback on the camera, watch it on TV through your DVD Player*1 or via your PC.

Playback is so easy...

With DVD-R you can finalise the disc which takes a couple of minutes and then play the results back in your DVD Player.*2 Or if you prefer to work with DVD-RAM simply place the disc in a DVD-RAM compatible drive and download the information directly to your PC*3. It couldn't be easier!



Playback Convenience

Start with the camera's Disc Navigation feature. This displays a small thumbnail image from the opening seconds of every scene you've recorded. You can instantly pin point what you want to watch, and then simply choose the spot and off you go.

No more endless searching backwards and forwards through the tape – just select the scene you want and you're there instantly.

What's more, because the DVD camera uses disc rather than tape, you can play or record over and over again on the same disc,*4 both still and moving images without any deterioration in quality. Your recordings can be kept indefinitely.

... We don't think you'll ever go back to tape.

get it on



*1 Disc can be played back on most DVD Players.
*2 Requires a compatible DVD Player.
*3 Requires a compatible 4.7G byte DVD-RAM or DVD-ROM drive.
*4 DVD-RAM format only.
*5 Needs to include an SD Media Card slot.

DZ-MV350E

The Hitachi DZ-MV350E is an ultra compact and stylish DVD Camera that records onto DVD Disc and SD Memory cards. With a wide selection of easy to use features this state-of-the-art camera provides you with all the technology you need to make great video recordings and the best digital stills shots.



Actual size

Supplied Accessories

- Battery Pack – 1 x DZB14S Approx. 145 Min, Continuous Recording Time
- 1 x DVD-R disc with caddy
- AC Adaptor/Charger with Power Cable
- Remote Control
- Battery AAA
- Shoulder Strap
- Lens Cap
- PC Software - USB Driver, UDF Driver, PC Cable, Authorising Software, CD-ROM

Optional Accessories

- Battery Pack – 1 x DZB14S Approx. 145 Min, Continuous Recording Time
- DVD-RAM Disc (Dual Side with holder) – DVD-RAM VIDEO 60, Maxell
- DVD-RAM Disc (Single Side with holder) – DVD-R VIDEO 30, Maxell
- DC Light – DZ-LD9

- DVD-RAM/DVD-R Format
- Utilises 8cm DVD-RAM/DVD-R Disc Media with Round DVD-Holder
- High Quality MPEG2 Video Recording
- SD Memory Card Slot
- Digital Stereo Sound
- Recording Time: 36mins (Extra Fine Quality Mode) 60mins (Fine Quality Mode) 120mins (Standard Quality Mode)
- 2.5" Colour TFT LCD Monitor Screen
- Digital Still Photo Mode: Stores 1998 Digital Still Images
- Recording Mode: Moving (MPEG2)/Still (JPEG)/Audio (Digital Stereo)
- Disc can be used to play back on most DVD Players & DVD-ROM drives

DZ-MV380E

Hitachi's ultra small and stylish DVD Camera is a groundbreaking innovation. The DZ-MV380E is a camcorder that not only records onto DVD Disc but is also equipped with an SD Memory Card slot to download digital pictures easily. And it's even simpler if you want to play back your recordings, just insert your DVD-R Disc into your DVD player, press play and watch what you've just recorded.



Actual size

Supplied Accessories

- Battery Pack – 1 x DZB14S Approx. 145 Min, Continuous Recording Time
- 1 x DVD-R disc with caddy
- AC Adaptor/Charger with Power Cable
- Remote Control
- Battery AAA
- Shoulder Strap
- Lens Cap
- PC Software - USB Driver, UDF Driver, PC Cable, Authorising Software, CD-ROM

Optional Accessories

- Battery Pack – 1 x DZB14S Approx. 145 Min, Continuous Recording Time
- DVD-RAM Disc (Dual Side with holder) – DVD-RAM VIDEO 60, Maxell
- DVD-RAM Disc (Single Side with holder) – DVD-R VIDEO 30, Maxell
- Flash – DX-FLH3
- DC Light – DZ-LD9

- Utilises 8cm DVD-RAM/DVD-R Disc Media with Round DVD-Holder
- MegaPixel CCD
- High Quality MPEG2 Video Recording
- SD Multimedia Card Slot
- Digital Stereo Sound
- Recording Time: 36mins (Extra Fine Quality Mode) 60mins (Fine Quality Mode) 120mins (Standard Quality Mode)
- 2.5" Colour TFT LCD Monitor Screen
- Digital Still Photo Mode: Stores 1998 Digital Still Images
- Recording Mode: Moving (MPEG2)/Still (JPEG)/Audio (Digital Stereo)
- Disc can be used to play back on most DVD Players & DVD-ROM drives

everything you need to know

Easy Editing

For those of you who like to just shoot and play, DVD Cam is the product for you. You no longer need to worry about the sequence that you film because you can easily change this in camera.

Use the Disc Navigation system on the camera itself, it works like a built in editor. Just choose your thumbnail image and you can divide, merge, delete or move your sequences around and choose your playback order with your own personalised play list.

Add special effects in camera such as fade and wipes and your home movies will have that polished finish. The beauty of DVD is that you can re-edit anytime because all the original recordings are kept on the disc.

Advanced Editing

For the more serious editor, there is no limit to what you can achieve. From the high speed USB2.0 connection and USB & UDF (DVD-RAM) driver software supplied, video and stills can be uploaded to Windows PCs up to four times faster than real time*.

Add to this a superb package of authoring software which is supplied with the DVD Cam, including Sonic MyDVD 4.0 and DVD-Movie Album SE3. With this you have all the tools you will need to unleash the power of Hitachi's digital video and still imaging technology to create professional-looking edited movies.

And when it comes to the finished result, copy the edited version back to a DVD-R disc in the DVD Camera – take out the disc and it's a fully portable version of your favourite home movies. Much easier to post to friends and families, DVD-R discs are compact, easy to distribute and will obviously retain the original quality of your recordings.

... We think you'll be impressed.

* Standard recording mode, copying speed depends on PC conditions.

@get creative



DZ-MV350E & DZ-MV380E Specification

MODELS	DZ-MV350E	DZ-MV380E
GENERAL		
Utilises DVD-RAM and DVD-R Disc Media with Round DVD-Holder	•	•
High Quality MPEG2 Video Recording	•	•
SD Multimedia Card Slot	•	•
Digital Stereo Sound	•	•
Flexible Video Recording Mode: (Extra Fine, Fine, Standard Quality)	•	•
Multi-language Disc Navigation System	•	•
PC Terminal	USB 2.0 or 1.1	USB 2.0 or 1.1
2.5 Colour TFT LCD Monitor Screen	•	•
8cm DVD-RAM and DVD-R Recording Capability	•	•
High Quality MPEG2 Video Recording (DVD Video Recording Standard)	•	•
Digital Stereo Sound	•	•
DVD-RAM RECORDING		
Plays back on DVD-RAM Recorder	•	•
Variable Bit Rate (VBR) Recording Capability	•	•
Constant Bit Rate (CBR) Recording Capability	•	•
DVD-R RECORDING		
Plays back on most DVD players and DVD-ROM drives	•	•
Constant Bit Rate (CBR) Recording Capability	•	•
RECORDING CAPACITY MOVIE		
DVD-R (Using one side of disc)	-	-
Extra-Fine Quality (VBR) ^{1,2}	-	-
Fine Quality (CBR) ³ Recording Time/Resolution	30 mins/704 x 576	30 mins/704 x 576
Standard Quality (CBR) ³ Recording Time/Resolution	60 mins/352 x 576	60 mins/352 x 576
DVD-RAM (Using both sides of disc)		
Extra-Fine Quality (VBR) ^{1,2} Recording Time/Resolution	36 mins/705 x 576	36 mins/705 x 576
Fine Quality (CBR) ³ Recording Time/Resolution	60 mins/705 x 576	60 mins/705 x 576
Standard Quality (CBR) ³ Recording Time/Resolution	120 mins/352 x 576	120 mins/352 x 576
STILLS		
DVD-RAM (Using both sides of disc)		
Images	1998	1998
Picture Size	640 x 480	1280 x 960
SD CARD		
Images	Depends on card capacity	Depends on card capacity
Picture Size	640 x 480	1280 x 960
Picture Quality Mode	Fine/Normal/Economy	Fine/Normal/Economy
DPO/DCF	• (No. of print setting only)/•	• (No. of print setting only)/•
Copy JPEG from Disc to Card	• (JPEG only)	• (JPEG only)
CAMERA		
Multi-Coated Aspherical Lens	•	•
Wide-Angle Lens	•	•
1/4" CCD Image Sensor (Pixels) Total	800K	1.02M
1/4" CCD Image Sensor (Pixels) Movie	410K	570K
1/4" CCD Image Sensor (Pixels) Still	410K	960K
Zoom Optical / Digital	10X / 240X	10X / 240X
Zoom Converted to 35mm Camera Specification	40.5mm - 404mm	44.5mm - 445mm
Image Stabiliser (EIS) - Advanced Stable Pix	Advanced Stable Pix	Advanced Stable Pix
Minimum Illumination (lower light mode)	0.3 Lux	0.3 Lux
Lens F Number	1.8 - 2.5	1.8 - 2.4
Lens Ring Diameter	30.5mm	37.0mm
Focus (Auto & Manual, Auto Macro)	•	•
White Balance - Auto & Hold	Auto/White Set/Indoor/Outdoor/Fluorescent	Auto/White Set/Indoor/Outdoor/Fluorescent
Iris	Auto	Auto
Auto Exposure (Auto, Sport, Portrait, Spot-light, Sand & Snow & Low-light)	•	•
CONVENIENCE		
2.5" Colour TFT LCD Monitor with Active Screen Function (120k Pixels)	•	•
Colour Viewfinder (110k Pixels)	•	•
Joy-Stick Controller	•	•
Self Timer for Photo Mode (DVD-RAM only)	•	•
Recording Time Remaining Display	•	•
Built-In Playback Speaker with Volume Control	•	•
DISC NAVIGATION		
Direct Access to your Recording - no searching like normal tape based Camcorder	•	•
DVD-RAM		
Thumbnail Image Display	•	•
Instant Access Playback (Select, Repeat & Selected Scene)	•	•
Edit Function (Delete, Move, Divide, Skip, White-Fade, Wipe-Fade & B&W-Fade)	•	•
Arrange the playback Order	•	•
Media Utility Function	Format	Format
DVD-R		
Thumbnail Image Display	•	•
Instant Access Playback (Select, Repeat & Selected Scene)	•	•
Edit Function (Delete, Move, Divide, Skip, White-Fade, Wipe-Fade & B&W-Fade)	•	•
Arrange the playback Order	-	-
Media Utility Function	Finalising	Finalising
S-Video	OUT	OUT
Composit Video & Audio	OUT	OUT
External Microphone Jack	•	•
Accessory Shoe	Cold Shoe	Hot Shoe

The specification above and photography is for reference only and may be subject to change.

• 1 Recording time depends on motion of subject. • 2 An 8cm DVD-RAM disc is dual sided. To use the other side, the disc must be removed and turned over manually. • 3 Both JPEG photos and DVD Video Recording formats are recorded on the same disc. • 4 DVD-R discs recorded and finalised by this camcorder may not be compatible with some DVD players and DVD-ROM drives, depending on the player, the DVD-R disc and the condition of the recording. • 5 For PC with USB connection only. Requires Windows 98, ME, 2000, XP (without Optional USB Cards) on IBM PC compatible computer. Minimum hardware requirements: Pentium III or higher CPU, at least 128MB RAM, at least 350MB of available hard drive space for programme installation and CD-ROM for software installation, at least 4 GB hard drive space for video capture and editing, at least 800x600 pixel resolution, 65,536 colour or higher and display card supporting DirectDraw overlay. • 6 Standard Mode Recording with LCD Display Off.

All specifications, weights, and dimensions are subject to change without prior notice.

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