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you can

Canon Camcorders

Putting fun into home movie making

Whether it's your child's first steps or weekend fun with friends, the best action is often unpredictable – which is why Canon's straight-to-DVD recording can be so much fun.

Simply pick up and start shooting, and your Canon DVD digital video camera looks after the rest. Rendering rich, vibrant colours just the way you remember them, a powerful DIGIC DV processor uses true split-path processing to write superb quality video and stills to the next available space on the disc.

Once you've captured that golden memory, hilarious performance or embarrassing moment, thumbnails of every scene let you see at a glance which footage you wish to share – or quickly delete. Favourite scenes and digital stills can be grouped into specially created playlists – all without having to hook up to a PC.

With seriously advanced digital still camera functions, you'll be taking plenty of superb quality photos. And because you can store thousands of high quality photos to each DVD, you'll never be worried about filling memory cards.

When the shooting is over, simply finalise the disc in-camera before slipping it directly into your home cinema's DVD player to re-live and share those great moments.

Symbol Guide

OPTICAL IMAGE STABILIZER
Detects and compensates for camera shake with dynamic lens elements

RGB PRIMARY COLOR FILTER
Special method of conversion-free recording to deliver richer colours

DIGIC DV
Powerful image processor with dual processing path for video and digital stills

SD MEMORY CARD/MULTIMEDIA CARD
Store JPEG, Motion-JPEG or MPEG4 files direct for fast upload to PC

MPEG4 MOVIE RECORDING
Ideal recording standard for e-mail attachments

CANON DIRECT PRINT & PICTBRIDGE
Connect directly to compatible printers for photo prints without the PC

3CCD & PIXEL SHIFT
For outstanding clarity, high resolution video and digital still images

4 TYPE PICTURE ADJUSTMENT
Provides four different methods of fine-tuning images

ADVANCED ACCESSORY SHOE
Links camcorder to accessories without the need for cables

ANALOGUE-DIGITAL CONVERTER
Allows playback from analogue devices (VHS or 8mm tape)

ANALOGUE LINE-IN
Record from 8mm/VHS tape/TV or other analogue source onto DV tapes

AUDIO DUBBING
Allows commentary or soundtrack to be added to footage

AUDIO RECORD LEVEL CONTROL
Permits manual control of recording level to suit the shooting situation

CUSTOM KEYS
Assign your most commonly used functions to a button of choice

MEGAPIXELS
The millions of tiny light sensors in the camcorder that record images

DV MESSENGER
Software to operate camcorder via the internet or as a Web-Cam

DV TERMINAL
Industry-standard, IEEE1394 interface for direct connect to PC

LCD VIEW SCREEN (2.4", 2.5" & 3.5" LCD)
A flip-out, adjustable screen that acts as a large viewfinder

ONE TOUCH DUBBING
Dubbing using infrared signal from your video deck's remote controller

NIGHT MODE & SUPER NIGHT MODE
For recording in low-light or zero light (Super Night Mode) conditions

PHOTO BUTTON
Takes still images just like a digital camera, even while shooting video

USB
Data transfer cable interface to link camcorder to computer

HI-SPEED 2.0 USB
High speed data transfer cable interface to link camcorder to computer

XL2

With its 3x800k progressive scan CCDs and full manual control over all image settings, the XL2 represents the last word in flexible, broadcast quality mini DV. Pro features include 25p and 50i recording, 16:9 format and an interchangeable lens system.

- 3x 1/3" 800,000 pixel progressive scan CCDs
- 20x optical 'L-series' zoom lens for dramatic framing
- Super range Optical Image Stabilizer
- 50i or 25p recording for both television and cinema-photographic applications
- Full manual control over all settings for total creative flexibility
- 'Pro Quality' 16:9 and 4:3 recording
- XL interchangeable lens system
- Fluorite lens component and 2 independent neutral density filters
- Professional audio and video connectivity - 4 audio channels with 2 built-in XLR connectors, phantom power and BCN video
- SMPTE time code with Rec Run, Free Run and preset settings
- IEEE1394 for remote camera control and direct recording to PC

www.canon-europe.com/xl2/

XM2

Boasting an array of convenient features for enhanced sound and pictures, the XM2 is the high-performance choice for serious digital enthusiasts and professional videographers. Its advanced fluorite lens system delivers exceptional sharpness and resolution, while also helping to eliminate colour aberration.

- 3x 1/4" highly sensitive 3CCD unit with 470,000 Pixels
- Horizontal and vertical Super Pixel Shift
- L-series fluorite lens
- 20x optical/100x digital zoom
- Optical Image Stabilizer with vari-angle prism
- Direction-accurate microphone with 3 frequency modes
- 2-channel manual audio level control
- Optional MA-300 adaptor with 2-channel XLR terminals
- Many manual adjustments typically found on professional models
- Custom Pre-set options

MVX4i

With 4 Megapixel performance, the MVX4i gives you resolution to burn – for outstanding video quality and super sharp digital stills that deliver photo quality prints up to A4. Exquisite designer casing protects the very finest cutting edge digital imaging technology.

- 1/2.8" 4 Megapixel CCD for outstanding movie and still image quality
- Powerful 10x optical zoom with genuine Canon optics
- High resolution 16:9 mode for panoramic widescreen
- DIGIC DV and RGB Primary Color Filter for stunning colour reproduction
- Electronic Image Stabilisation keeps footage steady
- Auto Exposure Mode dial allows easy access to all automatic shooting modes
- Advanced Photo functionality: as found in high-end digital still cameras
- Excellent low-light capabilities with Mini Video Light and built-in flash
- Manual Audio Level control for great sound in any situation
- 2.5" colour LCD with backlight button for bright conditions
- USB Hi-Speed and IEEE1394 for PC and internet connectivity

www.canon-europe.com/mvx4i/

DC20

The super-stylish, ultra-slim 2.2 Megapixel DC20 shoots superb digital stills and impressive video direct-to-DVD. With no tape to rewind, you can start shooting whenever the action starts and a mini video light keeps you recording well into the night.

- Incredibly slim and stylish with easy-handling design
- 1/3.9" 2.2 Megapixel CCD, DIGIC DV and RGB Primary Color Filter for stunning colour
- 10x optical zoom with built-in lens cap
- Electronic Image Stabilizer for steady footage
- True High Resolution 16:9 Mode for panoramic widescreen
- Super Night Mode with Mini Video Light
- Record direct to DVD for easy in-camera editing and review
- Advanced photo functionality – special scene modes, AEB, 9-point AiAF, Continuous Shooting and built-in flash
- PictBridge and Print/Share button for easy direct prints
- Large 2.5" colour LCD with backlight button, and intuitive, easy-access external controls
- USB Hi-Speed connectivity for fast uploading of movies and stills to PC

www.canon-europe.com/dvd/

DC10

Exquisitely styled, delightfully slender and surprisingly lightweight, the 1.33 Megapixel DC10 records video and photos straight to DVD. Shooting is direct, random and instant, offering exciting in-camera editing possibilities and easy access playlists.

- Incredibly slim and stylish with easy-handling design
- 1/4" 1.33 Megapixel CCD and DIGIC DV for beautiful colour reproduction
- Powerful 10x optical zoom with built-in lens cap
- True High Resolution 16:9 Mode for panoramic widescreen
- Electronic Image Stabilizer for steady footage
- Record directly to DVD for easy in-camera editing and review
- Advanced photo functionality – special scene modes, AEB, 9-point AiAF and Continuous Shooting
- PictBridge and Print/Share button for easy direct printing
- Large 2.5" colour LCD with backlight button, and intuitive, easy-access external controls
- USB Hi-Speed connectivity for fast uploading of movies and stills to PC

www.canon-europe.com/dvd/

Movies and stills – straight to DVD

Super sleek, super stylish and super convenient.

The DC10 delivers superb quality in one delightfully slender package, with DIGIC DV's true split path processing for digital stills and digital video. With straight-to-DVD recording and no tape to rewind, you start shooting when you want. Scenes are stored in easily accessible playlists, shown as a 'visual index' when you switch to play mode. For stills, you have a fully specified digital camera, with features such as 9-point AiAF, exposure bracketing and special scene modes. The DC10 even has a Print/Share button, for direct printing of your favourite photos without the PC.

MVX45i MVX40

With compelling design, Optical Image Stabilization and photo features, functions and effects to make many purpose-built digital cameras blush, the superbly specified MVX45i and MVX40 camcorders represent the ultimate freedom for your audio visual expression.

- 1/4.5" 2.2 Megapixel CCD
- Powerful 14x[1] / 10x[2] optical zoom
- Optical Image Stabilisation suppresses video shake and stills blur
- DIGIC DV and RGB Primary Color Filter for superb quality movies and stills
- High-resolution 16:9 widescreen mode
- Mode dial to select advanced video / photo functions
- Advanced photo functionality – picture effect, scene modes, 9-point AiAF
- Built-in flash for digital photos
- Super Night Mode with powerful Mini Video Light[1]
- 2.5" colour LCD with Backlight button for bright conditions
- SD and MMC memory card for fast and easy Motion JPEG and JPEG recording
- PictBridge and Print/Share button for easy direct printing
- Advanced accessory shoe[1] for external microphone, flash, lights, etc.
- USB 2.0 Hi-Speed[1]

[1] MVX45i
[2] MVX40

MVX350i

The 1.33 Megapixel MVX350i brings together clever design and great performance to deliver a camcorder you will love to use. A powerful 20x zoom lens leads a host of clever technologies that work with you to produce stills and video quality that promises to delight.

- 1/4.5" 1.33 Megapixel CCD
- Powerful 20x optical zoom and Wide Attachment
- High-resolution 16:9 Widescreen Mode at the push of a button
- DIGIC DV for stunning movies and stills
- Electronic Image Stabilisation suppresses camcorder shake
- SXGA Digital Stills with built-in flash
- 2.5" colour LCD with Backlight button for bright conditions
- SD and MMC memory card for fast and easy Motion JPEG and JPEG recording
- Super Night Mode with powerful Mini Video Light
- PictBridge and Print/Share button for easy direct printing
- Multilingual display with 8 languages and intuitive menu navigation

MVX330i MVX300

Capture life as you live it with the beautifuly designed MVX330i and MVX300. DIGIC DV, a 1.33 Megapixel CCD, 18x optical zoom and high resolution 16:9 Widescreen combine to help you produce effortless quality movies and stills.

- 1/4.5" 1.33 Megapixel CCD
- Powerful 18x optical zoom
- High-resolution 16:9 Widescreen Mode at the push of a button
- DIGIC DV for stunning movies and stills
- Electronic Image Stabilisation suppresses camcorder camera shake
- SXGA Digital Stills with built-in flash[1]
- 2.5" colour LCD with Backlight button for bright conditions
- SD and MMC memory card for fast and easy Motion JPEG and JPEG recording
- Super Night Mode with powerful White LED[1]
- PictBridge and Print/Share button for easy direct printing
- Multilingual display with 8 languages and intuitive menu navigation

[1] MVX330i

MV880X

For those who demand uncomplicated quality, the 1.33 Megapixel MV880X has a simple elegance that is a joy to experience. An EASY button, outstanding digital still capability and high resolution 16:9 wide screen mode come together in a camcorder as effortless as it is powerful.

- 1/4.5" 1.33 Megapixel CCD
- Powerful 14x optical zoom and wide converter lens
- High Resolution 16:9 for true wide screen
- DIGIC DV for realistic 'emotional' colours
- EASY button and intuitive menu navigation
- Stores true digital stills and Motion JPEG direct to SD Card/MMC (SD Card supplied)
- Electronic Image Stabiliser keeps footage steady when you can't be
- Easy direct print and PC uploading with Print/Share button and PictBridge compatibility
- Super Night Mode with white LED
- Large 2.4" LCD with Colour View Finder
- Multilingual display with 8 language options

MV850i MV830i MV830

Introducing the 22x / 20x optical zoom MV800 series – with compelling DIGIC DV performance and high resolution 16:9 mode, for enchanting wide screen experience and true digital still capability. With effortless, fully automatic 'Easy Mode' for quality without complication.

- 1/6" 800k pixel CCD and Canon's DIGIC DV for vibrant, emotional colours
- Powerful 22x[1] / 20x[2] optical zoom and wide attachment[1]
- Easy to use high-resolution 16:9 Mode for widescreen footage
- Electronic Image Stabilisation suppresses camcorder shake
- Fully automatic Easy Mode at the flick of a switch for simple point-and-shoot operation
- 2.4" colour LCD, colour viewfinder and intuitive menu navigation
- Super Night Mode with built in Mini Video light[1]
- Night Mode
- True digital still capacity
- SD and MMC memory card for fast and easy Motion JPEG and JPEG recording
- Direct Print and PictBridge compatible
- Multilingual display with 8 language options

[1] MV850i
[2] MV830i and MV830

MV800

The MV800 is based on one simple ideal: Uncomplicated, high quality results. A powerful 20x optical zoom lens, equally powerful DIGIC DV processor and high resolution 16:9 wide screen recording combine with new flick-of-a-switch Easy Mode to produce vibrant, lifelike and effortless footage.

- 1/6" 800k pixel CCD and Canon's DIGIC DV for vibrant, emotional colours
- Powerful 20x optical zoom
- Easy to use high-resolution 16:9 Mode for widescreen footage
- Electronic Image Stabilisation suppresses camcorder shake
- Fully automatic Easy Mode at the flick of a switch for simple point-and-shoot operation
- 2.4" colour LCD, colour viewfinder and intuitive menu navigation
- Night Mode
- Multilingual display with 8 language options

Camcorders Accessories

External Microphone

Headphones

Video (Flash) Light

Filter Set

Battery Pack &
Mini DV Cassettes

Canon's aim is to provide visual artists with the very finest tools with which to fully explore their creativity, unhampered by technical limitations.

This approach is no better reflected than with its range of Digital Camcorder accessories. Each is painstakingly designed and crafted to work seamlessly with Canon camcorders, inspiring the more inventive videographer to take their equipment beyond the limits others happily accept.

Interchangeable and conversion lenses give a new dimension to footage, helping you frame your subject in more dramatic ways and with greater impact – from tight and powerful telephoto to sweeping panoramas. Use a Video Light to extend your capacity for night and indoor shooting, or to bring out colours and detail in low-light or back-lit conditions. Video Flash Lights offer you the same flexibility, with the added advantage of doubling as a stills flash on those Canon camcorders with a digital still function. Canon genuine battery packs and chargers offer safe, high capacity extended shooting – particularly important for documenting those once in a lifetime occasions such as first birthdays or weddings. Give footage the benefit of your imagination with creative filter sets and experiment with more present sound with microphones and microphone adapters. Suspend or mount your camcorder in difficult to access or interesting positions – such as the ceiling of a theatre set or sports gymnasium – and use Canon's Remote Controller to record unique and exciting moments.

From CRT Viewfinders to Tripod Adapters, Cases to Cleaning Tapes: Canon is here to open up your world of digital video.

Camcorders Accessories Chart

	XL2	XM2	MVX4i	DC20	DC10	MVX45i	MVX40	MV350i/ MV330i/ MV300	MVX880X/ MV850i/ MV830i/ MV830/ MV800
ACCESSORIES									
BATTERY PACKS									
BP-911/915/924/927/930/930R/941/945	●	●							
BP-511/512/514/522/535									
BP-208				●	●				
BP-308/315			●						
NB-2L/NB-2L H/BP-2L12/BP-2L14						●	●	●	●
CAR BATTERY CHARGER									
CB-910 (optional DC905 or DC900 needed)	●	●							
CB-920 (optional DC920 needed)	●	●							
CB-570									
CBC-NB2						●	●	●	●
BATTERY CHARGER									
CA-910 (optional DC-905 or DC-900 needed)	●	●							
CA-920 (optional DC-920 needed)	●	●							
CA-570						●	●	●	●
CG-300			●	●	●				
CB-2LTE						●	●	●	●
DUAL BATTERY CHARGER									
CH-910	●	●							
CG-570 (optional CA-560, CA-570 or CB-570 ⏩ needed)									
WIDE ANGLE CONVERTER									
WD-58H		●							
WD-H46									
WD-H34			●			●	●	●	
WD-H30.5									
WD-28									●
WD-H27				●	●				
FILTER SET									
FS-46									
FS-72U	●								
FS-H46U									
FS-34U			●			●	●	●	
FS-30.5U									
FS-28U									●
FS-H27U				●	●				
TELE CONVERTER									
TL-H46									
TL-34			●			●	●	●	
TL-H30.5									
TL-28									●
TL-H27				●	●				
VIDEO LIGHT									
VL-10Li	●	◗	◗	◗	◗	◗	◗		◗
VL-3	●	●				●			
VIDEO FLASH LIGHT									
VFL-1						●			
FLASH LIGHT									
Speedlight 220EX & 420EX		●							
Speedlight 580EX		●							
MICROPHONE									
DM-50	●	●				●			
SHOE ADAPTER									
SA-1	●	●	●	●	●	●	●	●	●
SOFT CASE									
SC-2000			●	●	●	●	●	●	●
HARD CASE									
HC-4100		●							●
HC-3200	●								
DV CLEANING TAPE									
DVM-CL	●	●				●	●	●	●
MINI DV 60/80 CASSETTE	●	●				●	●	●	●
INTERCHANGABLE LENS									
Manual 14x XL Zoom Lens	●								
Manual 16x XL Zoom Lens	●								
3x XL Zoom Lens	●								
REMOTE CONTROLLER									
ZR-1000 Zoom Remote	●	●							
CRT VIEWFINDER									
FU-1000 CRT Viewfinder	●								
MICROPHONE ADAPTER									
MA-300	●	●							
ACCESSORY KITS									
Digital Camcorder Accessory Kit DVK-203						●	●	●	●
DVD Starter Kit				●	●				

◗ Requires separately sold BP-900 series and CA-910

⏩ For in car charging

Camcorders
Kit Components

Camcorders Kit Components Chart

		XL2	XM2	MVX4i	DC20	DC10	MVX45i/ MVX40	MVX350i/ MVX330i/ MVX300	MV880X/ MV850i	MV830i/ MV830	MV800
PICTURE KIT COMPONENTS											
A	Wireless Controller	WL-D4000	WL-D77	WL-D85	WL-D85	WL-D85	WL-D85	WL-D85	WL-D85	WL-D85	–
B	Compact Power Adaptor	CA-920	CA-920	CA-570	CA-570	CA-570	CA-570	CA-570	CA-570	CA-570	CA-570
C	DC Coupler	DC-920DC	DC-915	–	–	–	–	–	–	–	–
D	Battery Pack	BP-930	BP-915	BP-308	BP-208	BP-208	NB-2LH	NB-2LH	NB-2LH	NB-2LH	NB-2LH
E	Shoulder Strap	SS-1000	SS-650	SS-900	SS-900	SS-900	SS-900	SS-900	SS-900	SS-900	SS-900
F	Stereo Video Cable	STV-150	STV-150	MTC-100	MTC-100	MTC-100	STV-250N	STV-250N	STV-250N	STV-250N	STV-250N
G	S-Video Cable	S-150S	S-150	MTC-100	MTC-100	MTC-100	–	–	–	–	–
H	Scart Adaptor	PC-A10	PC-A10	PC-A10	PC-A10	PC-A10	PC-A10	PC-A10	PC-A10	PC-A10	PC-A10
I	SD Memory Card	–	SDC-8M	16MB SD	–	–	16MB MMC	16MB MMC	16MB MMC	16MB MMC	–
J	Wide Attachment	–	–	–	–	–	–	WA-34*	WA-28	–	–
K	PC Connection Kit										
	USB Interface Cable	–	IFC-300PCU	IFC-300PCU	IFC-300PCU	IFC-300PCU	IFC-300PCU	IFC-300PCU	IFC-300PCU	IFC-300PCU	–
	Digital Video Solution Disk	–	USB Driver (Vender specific class) ZoomBrowser EX (for Windows) ImageBrowser (for Macintosh) PhotoStitch	USB Driver (Vender specific class) ZoomBrowser EX (for Windows) ImageBrowser (for Macintosh) PhotoStitch	USB Driver (Vender specific class) ZoomBrowser EX (for Windows) ImageBrowser (for Macintosh) PhotoStitch	USB Driver (Vender specific class) ZoomBrowser EX (for Windows) ImageBrowser (for Macintosh) PhotoStitch	USB Driver (Vender specific class) ZoomBrowser EX (for Windows) ImageBrowser (for Macintosh) PhotoStitch	USB Driver (Vender specific class) ZoomBrowser EX (for Windows) ImageBrowser (for Macintosh) PhotoStitch	USB Driver (Vender specific class) ZoomBrowser EX (for Windows) ImageBrowser (for Macintosh) PhotoStitch	USB Driver (Vender specific class) ZoomBrowser EX (for Windows) ImageBrowser (for Macintosh) PhotoStitch	–
	Application Software	–	–	–	MyDVD (for Windows)	MyDVD (for Windows)	–	–	–	–	–
L	Other items	Microphone unit 20x Zoom lens	–	–	DVD-R	DVD-R	–	–	–	–	–

* MVX350i only

Camcorders Specifications Chart

		XL2	XM2	MVX4i
Video system		MiniDV	MiniDV	MiniDV
CCD	Type	3x 1/3" 3CCD Pixel Shift	3x 1/4" 3CCD Pixel Shift	1/2.8" Interlace
	Total Pixels	800,000 x 3	470,000 x 3/(1.7M Still)	4,300,000
	Effective Pixels Movie	4:3: 410,000 , 16:9: 550,000	440,000 x 3	3,500,000
	Effective Pixels Still	–	–	4,000,000
	Filter	RGB Independent Primary Colour	RGB Independent Primary Colour	RGB Primary Colour
Lens	Optical/Digital Zoom	20x	20x/100x	10x/200x
	Focal Length Movie (standard)	5.4 – 108mm	4.2 – 84mm	44.5 – 445
	Focal Length Still (Card)	–	–	41.6 – 416
	Maximum Aperture	f/1.6	f/1.6	f/1.8
	Minimum Focusing Distance	20mm	10mm	10mm
	Image Stabilizer	YES (optical)	YES (optical)	YES
	Filter Diameter	72mm	58mm	34mm
LCD	View Screen/Pixels	2.0" / 200,000	2.5" / 200,000	2.5" / 123,000
	Manual Adjustment	brightness, audio volume	brightness, audio volume	brightness, audio volume
	Multi Image Screen	NO	NO	YES
	Viewfinder	2.0", CL 200,000	0.44", CL 180,000	0.33", CL 113,000
Min. Illumination		0.8 lux (in Manual mode)	0.37 lux (in Low Light Mode)	0 lux (in Super Night Mode)
Night Mode		YES	NO	YES (Super Night Mode)
Focus	Auto/Manual	YES	YES	YES
	Control	YES	YES	YES
AE mode	Program AE	Full Auto, Auto, Spotlight, Low Light, Tv, Av, Manual	Full Auto, Auto, Spotlight, Sand & Snow, Tv, Av, Manual	Auto, Tv, Av, P, Portrait, Landscape, Sports, Scene Mode, Slow Shutter, Night Mode, Super Night Mode
Back Light Compensation		Manual Control	Manual Control	Manual Control
White Balance		TTL	TTL	TTL
	Auto	YES	YES	YES
	Set/Preset	YES	YES	YES
	Lock	YES	NO	NO
Shutter Speed	Maximum	1/16,000 sec.	1/16,000 sec.	1/2,000 sec.
	Slow	1/6 sec.	1/6 sec.	1/2 sec.
Digital Effect		NO	Auto fade, Black & White, Strobe, Slim, Stretch	Art, Sepia, Monotone, Mosaic, Colors, Mirror, Ball, Cube, Wave, Auto fade, Wipe fade, Flip fade, Corners fade, Tide fade, Puzzle fade, Beam fade, Zigzag fade, Jump fade
Custom Key		YES	YES	NO
Still Image		NO	1488 x 1128 (SXGA+) (Progressive Photo)	2304 x 1736 (Progressive Photo)
	Continuous Shooting Mode	NO	NO	YES
	Auto Exposure Bracketing	NO	NO	YES
	Simultaneous Photo Recording	NO	NO	YES
	Selecting AF Frame Function	NO	NO	YES
	Photo Button	NO	YES	YES
Self Timer		YES	YES	YES
REC Review/REC Search		YES	YES	YES
LP Mode		YES	YES	YES
Search	Still Image	YES	YES	YES
	Date	YES	YES	YES
Memory Card	MMC	NO	YES	YES
	SD	NO	YES	YES
	Movie REC	NO	NO	Motion JPEG
Audio	System	PCM Digital Stereo 16bit – 48kHz 2ch, 12bit – 32kHz 4ch	PCM Digital Stereo 16bit – 48kHz 2ch, 12bit – 32kHz 4ch	PCM Digital Stereo 16bit – 48kHz 2ch , 12bit – 32kHz 4ch
	Manual REC Level Control	YES	YES	YES
	Audio Dubbing	NO	YES	YES
Terminal	Headphone	YES	YES	YES
	Microphone	YES	YES	YES
	USB	NO	YES	YES
	DV	YES out/in	YES out/in	YES out/in
	Direct Print (USB)	NO	NO	YES
	AV	YES	YES	YES
	S-Video	YES	YES	YES
ACC Shoe		YES	YES	YES
Built-in Video Light		YES (A.A. Shoe)	YES (A.A. Shoe)	NO
Built-in Flash		NO	NO	YES
Wireless Controller		WL-D4000	WL-D77	WL-D85
Analogue Digital Converter		YES	YES	YES
Built-in Charger		NO	NO	YES
Battery Pack	Type	Li-ion	Li-ion	Li-ion
	Longer Recording Time (EVF)	BP-945	BP-945	BP-315
	(using above optional long life BP)	3h50m	7h05m	3h25m
Dimensions	(W x H x D)	225 x 220 x 496mm	118 x 136 x 306mm	51 x 101 x 102mm
	Weight	2410g	1120g	410g

Camcorders Specifications Chart

		DC20	DC10	MVX45i/MVX40	MVX35i
Video system		DVD	DVD	MiniDV	MiniDV
CCD	Type	1/3.9" Interfaced	1/4" Interfaced	1/3.4" interface	1/4.5" interface
	Total Pixels	2,200,000	1,330,000	2,230,000	1.330.000
	Effective Pixels Movie	1.77MP	860.000	1,770,000	850,000
	Effective Pixels Still	2.0MP	1.23MP	2,000,000	1,230,000
	Filter	RGB Primary Colour	Complementary	RGB Primary Colour	Complementary
Lens	Optical/Digital Zoom	10x/200x	10x/200x	14x/280x (MVX45i), 10x/200x (MVX40)	20x/400x
	Focal Length Movie (standard)	40.6 - 406	46.7 - 467	39.9 - 559 (MVX45i) 39.9 - 399 (MVX40)	45.4 - 908
	Focal Length Still (Card)	40.6 - 406	46.7 - 467	37.6 - 526 (MVX45i) 37.6 - 376 (MVX40)	37.9 - 758
	Maximum Aperture	f/1.8	f/1.8	f/1.8	f/1.8
	Minimum Focusing Distance	10mm	10mm	10mm	10mm
	Image Stabilizer	YES	YES	YES	YES
	Filter Diameter	27mm	27mm	34mm	34mm
LCD	View Screen/Pixels	2.5" / 123,000	2.5" / 123,000	2.5" / 123.000	2,5" / 123.000
	Manual Adjustment	brightness, audio volume	brightness, audio volume	brightness, audio volume	brightness, audio volume
	Multi Image Screen	YES	YES	YES	YES
	Viewfinder	0.33", CL 113.000	0.33", CL 113.000	0.33", CL 123.000	0.33" CL 113.000
Min. Illumination		0 lux (in Super Night Mode)	2 lux (in Night Mode)	0 lux (in Super Night Mode) (MVX45i) 2lux (in Night Mode) (MVX40)	0 lux (in Super Night Mode)
Night Mode		YES (Super Night Mode)	YES	YES (Super Night Mode)	YES (Super Night Mode)
Focus	Auto/Manual	YES	YES	YES	YES
	Control	Manual	Manual	YES	NO
AE mode	Program AE	Tv, Av, P, Portrait, Sports, Night, Snow, Beach, Sunset, Spotlight, Fireworks	Tv, Av, P, Portrait, Sports, Night, Snow, Beach, Sunset, Spotlight, Fireworks	Auto, Tv, Av, P, Portrait, Landscape, Sports, Scene Mode, Slow Shutter, Night Mode, Super Night Mode (MVX45i)	Easy Mode, Auto, Sports, Portrait, Spotlight, Surf&Snow, Low light, Night Mode, Night+ Mode, Super Night Mode
Back Light Compensation		Manual Control	Manual Control	Manual Control	Manual Control
White Balance		TTL	TTL	TTL	TTL
	Auto	YES	YES	YES	YES
	Set/Preset	YES	YES	YES	YES
	Lock	NO	NO	NO	NO
Shutter Speed	Maximum	1/2000 sec.	1/2000 sec.	1/2000 sec.	1/2000 sec.
	Slow	1/2 sec.	1/2 sec.	1/2 sec.	1/2 sec.
Digital Effect		Art, Sepia, Black & White, Mosaic, Ball, Cube, Wave, Color Mask, Mirror, Auto fade, Wipe fade, Corner fade, Jump fade, Flip fade, Puzzle fade, Zigzag fade, Beam fade, Tide fade [1]	Art, Sepia, Black & White, Mosaic, Ball, Cube, Wave, Color Mask, Mirror, Auto fade, Wipe fade, Corners fade, Jump fade, Flip fade, Puzzle fade, Zigzag fade, Beam fade, Tide fade [1]	Art, Sepia, Black & White, Mosaic, Ball, Cube, Wave, Color Mask, Mirror, Auto fade, Wipe fade, Corner Wipe fade, Jump fade, Flip fade, Puzzle fade, Zigzag fade, Beam fade, Tide fade	Art, Sepia, Monotone, Mosaic, Colors, Mirror, Ball, Cube, Wave, Auto fade, Wipe fade, Flip fade, Corners fade, Tide fade, Puzzle fade, Beam fade, Zigzag fade, Jump fade
Custom Key				NO	NO
Still Image		1632 x 1224 (JPEG) (Progressive Photo)	1280 x 960 (JPEG) (Progressive Photo)	1632 x 1224 (JPEG) (Progressive Photo)	1280 X 960 (SXGA) (Progressive Photo)
	Continuous Shooting Mode	YES [2]	YES [2]	YES	YES
	Auto Exposure Bracketing	YES [2]	YES [2]	YES	YES
	Simultaneous Photo Recording	YES	YES	YES	YES
	Selecting AF Frame Function	YES (9 point AiAF)	YES (9 point AiAF)	YES	YES
	Photo Button	YES	YES	YES	YES
Self Timer		YES	YES	YES	YES
REC Review/REC Search		YES	YES	YES	YES
LP Mode		YES [3]	YES [3]	YES	YES
Search	Still Image	NO	NO	NO	NO
	Date	NO	NO	YES	YES
Memory Card	MMC	NO	NO	YES	YES
	SD	YES (miniSD)	YES (miniSD)	YES	YES
	Movie REC	NO	NO	YES Motion JPEG EX	YES Motion JPEG
Audio	System	Dolby Digital 2 channel 48kHz	Dolby Digital 2 channel 48kHz	PCM Digital Stereo 16bit-48kHz 2ch, 12bit-32kHz 4ch	PCM Digital Stereo 16bit-48kHz 2ch, 12bit-32kHz 4ch
	Manual REC Level Control	NO	NO	YES (MVX45i)	NO
	Audio Dubbing	NO	NO	YES	YES
Terminal	Headphone	NO	NO	YES	YES
	Microphone	NO	NO	YES	YES
	USB	YES	YES	YES (2.0HS) (MVX45i), (2.0FS) (MVX40)	YES (2.0FS)
	DV	NO	NO	YES out/in (MVX45i), out (MVX40)	YES (in/out)
	Direct Print (USB)	YES	YES	YES (PictBridge)	YES
	AV	YES (via multicable)	YES (via multicable)	YES	YES (in/out)
	S-Video	YES (via multicable)	YES (via multicable)	YES	NO
ACC Shoe		NO	NO	YES (A.A. Shoe) (MVX45i)	YES
Built-in Video Light		YES	NO	YES (MVX45i), NO (MVX40)	YES
Built-in Flash		YES	NO	YES	YES
Wireless Controller		WL-D86	WL-D86	WL-D85	WL-D85
Analogue Digital Converter		NO	NO	YES (MVX45i), NO(MVX40)	YES
Built-in Charger		YES	YES	YES	YES
Battery Pack	Type	Li-ion	Li-ion	Li-ion	NB-2LH
	Longer Recording Time (EVF)	BP-208 (850mAh)	BP-208 (850mAh)	BP-2L14	BP-2L14
	(using above optional long life BP)	–	–	3h05m	4h10m
Dimensions	(W x H x D)	47 x 86 x 122mm	47 x 86 x 122mm	70 x 82 x 133mm	72 x 78 x 131mm
	Weight	410g	400g	530g	500g

1 Disc Movie Rec Mode only

2 Card Still Image Rec Mode only

3 DC10/DC20 has XP Mode, SP Mode & LP Mode

Camcorders Specifications Chart

		MVX330i/MVX300	MV880X	MV850i/MV830i/MV830	MV800
Video system		MiniDV	MiniDV	MiniDV	MiniDV
CCD	Type	1/4.5" interface	1/4.5"	1/6"	1/6"
	Total Pixels	1.330.000	1.33M	800,000	800,000
	Effective Pixels Movie	850,000	690,000	400,000	400,000
	Effective Pixels Still	1,230,000	1M	528,000	N/A
	Filter	Complementary	Complementary	Complementary	Complementary
Lens	Optical/Digital Zoom	18x/360x	14x/280x	22x/440x	20x/400x
	Focal Length Movie (standard)	45.4 - 817	53.4 - 748	53.7 - 1181 (MV850i), 53.7 - 1074 (MV830i and MV830),	53.7 - 1074
	Focal Length Still (Card)	37.9 - 682	44.5 - 623	49.3 - 1085 (MV850i), 49.3 - 986 (MV830i and MV830)	N/A
	Maximum Aperture	f/1.8	f/1.8	f/1.6	f/1.6
	Minimum Focusing Distance	10mm	10mm	10mm	10mm
	Image Stabilizer	YES	YES	YES	YES
	Filter Diameter	34mm	28mm	28mm	28mm
LCD	View Screen/Pixels	2,5" / 123.000	2,4"/ 112,000	2,4"/ 112,000	2,4"/ 112,000
	Manual Adjustment	brightness, audio volume	brightness, audio volume	brightness, audio volume	brightness, audio volume
	Multi Image Screen	YES	YES	YES	YES
	Viewfinder	0.33" CL 113.000	0.33", CL 113,000	0.33", CL 113,000	0.33", CL 113,000
Min. Illumination		0 lux (in Super Night mode)(MVX330i) 2lux (in Night mode) (MVX300)	0 lux (in Super Night Mode)	0 lux (in Super Night Mode) (MV850i) 2lux (in Night Mode) (MV830i and MV830)	2lux (in Night Mode)
Night Mode		YES (Super Night Mode) (MVX330i)	YES (Super Night Mode)	YES (Super Night Mode) (MV850i)	YES
Focus	Auto/Manual	YES	YES	YES	YES
	Control	NO	NO	NO	NO
AE mode	Program AE	Easy Mode, Auto, Sports, Portrait, Spotlight, Surf&Snow, Low light, Night Mode, Night+ Mode (MVX330i), Super Night Mode (MVX330i)	Easy Mode, Auto, Sports, Portrait, Spotlight, Surf&Snow, Low light, Night Mode, Night+ Mode, Super Night Mode	Easy Mode, Auto, Sports, Portrait, Spotlight, Surf&Snow, Low light, Night Mode, Night+ Mode (MV850i), Super Night Mode (MV850i)	Easy Mode, Auto, Sports, Portrait, Spotlight, Surf&Snow, Low light, Night Mode
Back Light Compensation		Manual Control	Manual Control	Manual Control	Manual Control
White Balance		TTL	TTL	TTL	TTL
	Auto	YES	YES	YES	YES
	Set/Preset	YES	YES	YES	YES
	Lock	NO	NO	NO	NO
Shutter Speed	Maximum	1/2,000 sec.	1/2,000 sec.	1/2,000 sec.	1/2,000 sec.
	Slow	1/2 sec.	1/6 sec.	1/6 sec.	1/6 sec.
Digital Effect		Art, Sepia, Monotone, Mosaic, Colors, Mirror, Ball, Cube, Wave, Auto fade, Wipe fade, Flip fade, Corners fade, Tide fade, Puzzle fade, Beam fade, Zigzag fade, Jump fade	Art, Sepia, Black & White, Mosaic, Ball, Cube, Wave, Color Mask, Mirror, Auto Fade, Wipe, Corner Wipe, Jump, Flip, Puzzle, Zigzag, Beam, Tide	Art, Sepia, Black & White, Mosaic, Ball, Cube, Wave, Color Mask, Mirror, Auto fade, Wipe fade, Corner Wipe fade, Jump fade, Flip fade, Puzzle fade, Zigzag fade, Beam fade, Tide fade	Art, Sepia, Black & White, Mosaic, Ball, Cube, Wave, Color Mask, Mirror, Auto fade, Wipe fade, Corner Wipe fade, Jump fade, Flip fade, Puzzle fade, Zigzag fade, Beam fade, Tide fade
Custom Key		NO	NO	NO	NO
Still Image		1280 X 960 (SXGA) (Progressive Photo)	1152 x 864 (SXGA) (Progressive Photo)	1024 x 768 (SXGA) (Progressive Photo)	NO
	Continuous Shooting Mode	YES	NO	NO	NO
	Auto Exposure Bracketing	YES	NO	NO	NO
	Simultaneous Photo Recording	YES	YES	YES	NO
	Selecting AF Frame Function	YES	YES	YES	NO
	Photo Button	YES	YES	YES	NO
Self Timer		YES	YES	YES	YES
REC Review/REC Search		YES	YES	YES	YES
LP Mode		YES	YES	YES	YES
Search	Still Image	NO	NO	NO	NO
	Date	YES	YES	YES	YES
Memory Card	MMC	YES	YES	YES	YES
	SD	YES	YES	YES	NO
	Movie REC	YES Motion JPEG	YES Motion JPEG	YES Motion JPEG	NO
Audio	System	PCM Digital Stereo 16bit-48kHz 2ch, 12bit-32kHz 4ch	PCM Digital Stereo 16bit-48kHz 2ch, 12bit-32kHz 4ch	PCM Digital Stereo 16bit-48kHz 2ch, 12bit-32kHz 4ch	PCM Digital Stereo 16bit-48kHz 2ch, 12bit-32kHz 4ch
	Manual REC Level Control	NO	NO	NO	NO
	Audio Dubbing	YES	YES	YES	NO
Terminal	Headphone	YES	NO	NO	NO
	Microphone	YES	NO	NO	NO
	USB	YES (2.0FS)	YES (2.0 FS)	YES (2.0 FS)	NO
	DV	YES in/out (MVX330i), out (MVX300)	YES in/out	YES in/out (MV850i and MV830i), out (MV830)	YES out
	Direct Print (USB)	YES	YES	YES (MV850i), NO (MV830i and MV830)	NO
	AV	YES (in/out)	YES	YES (MV850i and MV830i), NO (MV830)	YES
	S-Video	NO	NO	NO	NO
ACC Shoe		YES	NO	NO	NO
Built-in Video Light		YES (MVX330i), NO (MVX300)	YES	YES (MV850i), NO (MV830i and MV830)	NO
Built-in Flash		YES (MVX330i), NO (MVX300)	NO	NO	NO
Wireless Controller		WL-D85	WL-D85	WL-D85	NO
Analogue Digital Converter		YES	YES	YES (MV850i and MV830i), NO (MV830)	NO
Built-in Charger		YES	YES	YES	YES
Battery Pack	Type	NB-2LH	NB-2LH	NB-2LH	NB-2LH
	Longer Recording Time (EVF)	BP-2L14	BP-2L14	BP-2L14	BP-2L14
	(using above optional long life BP)	4h10m	4h	5h	5h
Dimensions	(W x H x D)	72 x 78 x 131mm	51 x 93 x 130mm	51 x 93 x 130mm	51 x 93 x 130mm
	Weight	500g	430g	430g	430g

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