



Press Release

Sony Introduces Cyber-shot H Series cameras with Full HD AVCHD and Full HD 50P Video

The high zoom cameras feature an ultra powerful optical zoom range, 3D still image, new Intelligent Sweep Panorama High Resolution Mode and GPS/Compass



Flagship Cyber-shot DSC-HX100V

Hong Kong, March 1, 2011 - Sony Corporation of Hong Kong Limited today introduced the power-packed Cyber-shot digital cameras HX100V and HX9V. At the touch of a dedicated Movie button, users can perform Full HD AVCHD video recording, capturing stunning movies in rich, high definition detail and stereo sound. In addition, both cameras offer Full HD 1920 x 1080 at 50p video capabilities, shooting fast-moving action with exceptional smoothness and clarity.

“The new HX100V and HX9V are loaded with cutting-edge innovations by Sony to shoot stills, video and 3D with the quality one would expect from a bigger, high performance DSLR camera,” said Mr. Henry Lee, Division Managing Director, Hong Kong Marketing Company, Sony Corporation of Hong Kong Limited.

Ideal for travelers and photo enthusiasts, the flagship Cyber-shot HX100V features a Vario-Sonnar lens by Carl Zeiss with T* coating on optical surfaces that virtually eliminates flare. This premium lens offers an ultra-powerful 30x optical zoom range for crisply-detailed close-ups of

distant subjects. Comfortable to hold and carry, the camera's styling echoes the body shape and control layout of larger DSLR designs.

Smaller and lighter still, the HX9V offers a high-performance G Lens with powerful 16x zoom range with 24mm wide angle to accommodate virtually any photo opportunity.

Despite their powerful zoom range, the HX100V and HX9V can capture crisp, blur-free images with significantly reduced handshake, even while users are walking along. Featured on both cameras, Optical SteadyShot with Active Mode is a powerful image stabilisation system with '3-way shake cancellation' as found on premium Handycam camcorders by Sony. While users are shooting handheld, there will be clearer results, even at telephoto settings where camera shake is most pronounced.



Cyber-shot DSC-HX9V

In another Cyber-shot first, the 16.2 effective megapixel Exmor R™ CMOS Sensor inside the HX100V and HX9V support a brand-new Intelligent Sweep Panorama HR (High Resolution) mode. Just press the shutter button and sweep the camera vertically: Cyber-shot captures huge panoramic images with an incredible 10480 x 4096 resolution. Both cameras offer a choice of 3D shooting options with 3D Sweep Panorama, 3D Still Image and Sweep Multi Angle.

Additionally, both cameras offer speedy shooting responses one might expect from a DSLR camera. High-speed autofocus locks onto subjects in as little as 0.1 seconds, letting users grab the most fleeting photo moments with ease.

The advanced imaging possibilities of both cameras don't compromise fuss-free operation. Superior Auto mode recognises a wide range of shooting conditions, automatically adjusting settings and shooting a high-speed burst of multiple frames as required in low-light conditions. These are automatically combined within the camera to create beautifully-exposed, low-noise results with virtually any subject – even in challenging low light conditions without flash.

Ideal for travel, holidays and more, both cameras feature an enhanced GPS/Compass function that captures your location and shooting direction. See the results after shooting as exciting online maps with any PC.

The Cyber-shot HX100V also features a manual control ring that can be assigned as desired to adjust focus or zoom. It's ideal for applications like macro photography, where focus can be adjusted precisely while viewing a magnified portion of the image. The "built-in ND filter" incorporated in the HX100V makes it easy to take photos with special effects as it allows the user to freely adjust the amount of light by simply choosing the ND filter in the selection menu. This enables special techniques like extended exposure or open aperture shooting in fine weather.

Both the HX100V and HX70 feature the DSLR-like mode dial, which can control standard functions such as auto mode (P), aperture-priority mode (A), shutter-priority mode (S), manual mode (M) as well as the new MR mode (Memory Recall). The MR mode allows users to assign up to three frequently used settings, including exposure, exposure compensation, operation mode, ISO sensitivity, shutter setting, and focus setting to mode dial for instant recall of the registered settings next time without re-adjustments.

Sony is expanding the H series with the launch of the entry models Cyber-shot HX7V and H70. Both cameras offer the high-performance G lens capable of 10x optical zoom range and 25mm wide angle. The HX7V is equipped with a 16.2 effective megapixel Exmor R™ CMOS Sensor which can support 1920 x 1080i AVCHD Full HD video recording. It also offers built-in GPS and Compass which records the location and direction of where photos were taken. The H70 comes with a 16.1 effective megapixel Super HAD CCD sensor and supports 1280 x 720p HD video recording. Both the HX7V and H70 come in a stylish line-up of colour options for users to choose from. The HX7V is available in black, gold, white, red and blue while the H70 is offered in black, silver, red and blue.

Details of the new Cyber-shot digital camera series are as follows:

Model	Colours	Suggested Retail Price	Availability
Cyber-shot DSC-HX100V	Black	HK\$3,790	Mid April, 2011
Cyber-shot DSC-HX9V	Black, Gold	HK\$2,990	Mid April, 2011
Cyber-shot DSC-HX7V	Black, Gold, White, Red, Blue	HK\$2,590	Early March, 2011
Cyber-shot DSC-H70	Black, Silver, Red, Blue	HK\$2,290	Early March, 2011

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For customer enquiries please contact Sony sales and services hotline at (852)2345-2966.

About Hong Kong Marketing Company

Hong Kong Marketing Company (HKMC), a division of Sony Corporation of Hong Kong Limited, provides sales, marketing and after sales services for Sony's consumer electronics products as well as broadcast and professional products in Hong Kong and Macau. For more information on Sony's products and services, please visit its web site on www.sony.com.hk.

About make.believe

“make.believe” (make dot believe) is a Group-wide brand message that unites Sony's communications initiatives across electronics, games, movies, music, mobile phones and network services. “make.believe” symbolizes the spirit of Sony – the power of creativity, the ability to turn ideas into reality and the belief that anything you can imagine, you can make real.

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Specifications for Cyber-shot H Series :

Model	DSC-HX100V	DSC-HX9V	DSC-HX7V	DSC-H70
Image Sensor	1/2.3 type(7.77mm) Exmor R CMOS sensor	1/2.3 type(7.77mm) Exmor R CMOS sensor	1/2.3 type(7.77mm) Exmor R CMOS sensor	1/2.3 type(7.75mm) Super HAD CCD
Number of Pixels	Approx. 16.8 Megapixels(Gross) Approx. 16.2 Megapixels(Effective)	Approx. 16.8 Megapixels(Gross) Approx. 16.2 Megapixels(Effective)	Approx. 16.8 Megapixels(Gross) Approx. 16.2 Megapixels(Effective)	Approx. 16.4 Megapixels(gross) Approx. 16.1 Megapixels(effective)
Lens				
Lens Type	Carl Zeiss Vario Sonnar T*	Sony G lens	Sony G lens	Sony G Lens
Focal Length	4.8-144mm 35mm film equivalent: (Still Image 16:9): 29-870mm (Still Image 4:3): 27-810mm (Movie 16:9): 29-870mm (Movie 4:3): 36-1080mm	4.28-68.48mm 35mm film equivalent: (Still Image 16:9) 26-416mm (Still Image 4:3) 24-384mm (Movie 16:9) 25-400mm (Movie 4:3) 31-496mm	4.25-42.5mm 35mm film equivalent: (Still Image 16:9) 28-280mm (Still Image 4:3) 25-250mm (Movie 16:9) 28-280mm (Movie 4:3) 34-340mm	4.25-42.5mm 35mm film equivalent (Still Image 16:9): 27-270mm (Still Image 4:3): 25-250mm (Movie 16:9): 30-300mm (Movie 4:3): 37-370mm
F-number	F2.8(W)-5.6(T)	F3.3(W)-5.9(T)	F3.5(W)-5.5(T)	F3.5(W)-5.5(T)
Focus Range (35mm film equivalent)	iAuto (W:Approx.1cm to Infinity, T:Approx.200cm to Infinity)	iAuto (W:Approx.5cm to Infinity, T:Approx.120cm to Infinity)	iAuto(W:Approx.5cm to Infinity, T:Approx.100cm to Infinity)	iAuto(W:Approx.5cm to Infinity, T:Approx. 100cm to Infinity)
Iris Diaphragm	6 blades	---	---	---
Linear Focus	Yes	Yes	---	---
Camera				
Imaging Processor	BIONZ	BIONZ	BIONZ	BIONZ
Total Zoom Magnification (Still)	30x(Optical) Smart Zoom(with Optical Zoom) 10M:Approx.37x(Total), 5M:Approx.53x(Total), VGA:Approx.216x(Total), 16:9(2M):Approx.72x(Total) Precision Digital Zoom(with Optical Zoom) Approx.120x(Total)	16x(Optical) Smart Zoom(with Optical Zoom) 10M:Approx.20x(Total), 5M:Approx.28x(Total), VGA:Approx.115x(Total), 16:9(2M):Approx.38x(Total) Precision Digital Zoom(with Optical Zoom) Approx.64x(Total)	10x(Optical) Smart Zoom(with Optical Zoom) 10M:Approx.12x(Total), 5M:Approx.17x(Total), VGA:Approx.72x(Total), 16:9(2M):Approx.24x(Total) Precision Digital Zoom(with Optical Zoom) Approx.40x(Total)	10x((Optical) Smart Zoom(with Optical Zoom) 10M:Approx.12x(Total), 5M:Approx.17x(Total), VGA:Approx.72x(Total), 16:9(2M):Approx.24x(Total)
Total Zoom	30x(Optical)	16x Optical	10x(Optical)	10 x Optical

magnification (movie)	Precision Digital Zoom (with Optical Zoom) Approx.120x(Total)	Precision Digital Zoom (with Optical Zoom) Approx.64x(Total)	Precision Digital Zoom (with Optical Zoom) Approx.40x(Total)	
Main Function				
Noise Reduction	Clear RAW NR/ NR Slow Shutter 1/3sec or slower	Clear RAW NR/ NR Slow Shutter 1/3sec or slower	Clear RAW NR/ NR Slow Shutter 1/3sec or slower	Clear RAW NR/ NR Slow Shutter 1/3sec or slower
AF Mode	Intelligent	Intelligent	Intelligent	Intelligent
Focus Mode	Multi Point AF: 9 points(Under Face Undetected)/ Center Weighted AF/ Flexible Spot AF/ Manual Tracking focus: Off/ Auto Magnifying Focus: On/Off	Multi Point AF: 9 points(Under Face Undetected)/ Center Weighted AF/ Flexible Spot AF/ Semi Manual/ Manual Tracking focus: Off/ Auto Magnifying Focus: On/Off	Multi Point AF: 9 points(Under Face Undetected)/ Center Weighted AF/ Spot AF Tracking focus: Off/ Auto	Multi Point AF: 9 points(Under Face Undetected)/ Center Weighted AF/ Spot AF Tracking focus: Face only
AF Illuminator	Auto/ Off	Auto/ Off	Auto/ Off	Auto/ Off
Light Metering Mode	Multi Pattern/ Centre Weighted/ Spot	Multi Pattern/ Centre Weighted/ Spot	Multi Pattern/ Centre Weighted/ Spot	Multi Pattern/ Centre Weighted/ Spot
Image Control	NR level Setting/ Color Mode/ Contrast/ Saturation/ Sharpness	Color Mode/ Contrast/ Saturation/ Sharpness	---	---
Aperture	iAuto /Program Auto/ Speed Priority: (F2.8-F6.3(W)) / Aperture Priority/ Manual(F2.8-F8.0(W))	iAuto(F3.3/F8.0(W), 2 steps with ND Filter) / Program Auto(F3.3/F8.0(W), 2 steps with ND Filter)/ Manual(F3.3/F8.0(W), 2 steps with ND Filter)	iAuto(F3.5/F8.0(W), 2 steps with ND Filter) / Program Auto(F3.5/F8.0(W), 2 steps with ND Filter)/ Manual(F3.5/F8.0(W), 2 steps with ND Filter)	iAuto(F3.5/F8.0(W), 2 steps with ND Filter) / Program Auto(F3.5/F8.0(W), 2 steps with ND Filter)/ Manual(F3.5/F8.0(W), 2 steps with ND Filter)
ND Filter	Program Auto/ Shutter Priority/ Aperture Priority/ Manual	---	---	---
Shutter Speed	iAuto(2" - 1/4000) / Program Auto(1" - 1/4000) / Shutter Priority(30" - 1/4000) / Aperture Priority(8" - 1/2000) / Manual(30" - 1/4000)	iAuto(2" - 1/1600) / Program Auto(1" - 1/1600) / Manual(30"-1/1600)	iAuto(2" - 1/1,600) / Program Auto(1" - 1/1,600)/Manual(30"-1/1600)	iAuto(2" - 1/1,600) / Program Auto(1" - 1/1,600) / Manual(30"-1/1600)
ISO Sensitivity(REI)	Auto / 100 / 125/ 160/ 200/ 250/ 320 / 400 /500/ 640/ 800 / 1000/ 1250/ 1600 / 2000/ 2500/ 3200 ISO100-3200(Auto),	Auto / 100 / 200 / 400 / 800 / 1600 / 3200 Auto Control Range: ISO100-3200(Auto), ISO100-1600(Program Auto)	Auto / 125 / 200 / 400 / 800 / 1600 / 3200 Auto Control Range: ISO125-3200(Auto), ISO125-1600(Program Auto)	Auto / 80 / 100 / 200 / 400 / 800 / 1600 / 3200 Auto Control Range: ISO80-3200(Auto), ISO80-800(Program Auto)

	ISO100-1600(Program Auto)			
Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step EV Bar Display	Plus / Minus 2.0EV, 1 / 3EV step EV Bar Display	Plus / Minus 2.0EV, 1 / 3EV step EV Bar Display	Plus / Minus 2.0EV, 1 / 3EV step EV Bar Display
Steady Shot	Optical SteadyShot Movie: Standard/ Active	Optical SteadyShot Movie: Standard/ Active	Optical SteadyShot Movie: Standard/ Active	Optical SteadyShot Movie: Standard/ Active
White Balance	Intelligent Auto/ Daylight/ Cloudy/ Fluorescent 1/ 2/ 3/ Incandescent/ Flash/ One Push, One Push Set/ White Balance Shift	Intelligent Auto/ Daylight/ Cloudy/ Fluorescent 1/ 2/ 3/ Incandescent/ Flash/ One Push, One Push Set/ White Balance Shift	Intelligent Auto/ Daylight/ Cloudy/ Fluorescent 1/ 2/ 3/ Incandescent/ Flash/ One Push, One Push Set	Intelligent Auto/ Daylight/ Cloudy/ Fluorescent 1/ 2/ 3/ Incandescent/ Flash/ One Push, One Push Set
Shooting Mode (Still Image)	Intelligent Auto/ Superior Auto/ Easy Shooting/ Program Auto/ Shutter Speed Priority/Aperture Priority/ Manual Exposure/ High Sensitivity/ Twilight/ Twilight Portrait/ Soft Snap/ Landscape/ Beach/ Snow/ Fireworks/ Advanced Sports Shooting/ Gourmet/ Pet Mode/ Soft Skin/ Handheld Twilight/ Anti Motion Blur/ Intelligent Sweep Panorama/ Backlight Correction HDR/ Background Defocus/ 3D Sweep Panorama/ Sweep Multi Angle/ 3D Still Image	Intelligent Auto/ Superior Auto/ Easy Shooting/ Program Auto/ Manual Exposure/ High Sensitivity/ Twilight/ Twilight Portrait/ Soft Snap/ Landscape/ Beach/ Snow/ Fireworks/ Advanced Sports Shooting/ Gourmet/ Pet Mode/ Soft Skin/ Handheld Twilight/ Anti Motion Blur/ Intelligent Sweep Panorama/ Backlight Correction HDR/ Background Defocus/ 3D Sweep Panorama/ Sweep Multi Angle/ 3D Still Image	Intelligent Auto/ Superior Auto/ Easy Shooting/ Program Auto/ Manual Exposure/High Sensitivity/ Twilight/ Twilight Portrait/ Soft Snap/ Landscape/ Beach/ Snow/ Fireworks/ Advanced Sports Shooting/ Gourmet/ Pet Mode/ Soft Skin/ Handheld Twilight/ Anti Motion Blur/ Intelligent Sweep Panorama/ Backlight Correction HDR/ Background Defocus/ 3D Sweep Panorama/ Sweep Multi Angle/ 3D Still Image	Intelligent Auto/ Easy Shooting/ Program Auto/ Manual Exposure/ High Sensitivity/ Twilight/ Twilight Portrait/ Soft Snap/ Landscape/ Beach/ Snow/ Fireworks/ Advanced Sports Shooting/ Gourmet/ Pet Mode/ Soft Skin/ Sweep Panorama
Shooting Mode (Movie)	Intelligent Auto / Soft Snap/ Landscape/ Twilight/ High Sensitivity/ Beach/ Snow/ Fireworks	Intelligent Auto / Soft Snap/ Landscape/ Twilight/ High Sensitivity/ Beach/ Snow/ Fireworks	Intelligent Auto/ Soft Snap/ Landscape/ Twilight/ High Sensitivity/ Beach/ Snow/ Fireworks	Intelligent Auto
Still Image: Number of Recorded Pixels	16M (4,608 x 3,456) 10M(3,648 x 2736) 5M(2,592 x 1,944) VGA (640 x 480)	16M(4,608 x 3,456) 10M(3,648 x 2,736) 5M(2,592 x 1,944) VGA(640 x 480)	16M(4,608 x 3,456) 10M(3,648 x 2,736) 5M(2,592 x 1,944) VGA(640 x 480)	16M (4,608 x 3,456) 10M(3,648 x 2736) 5M(2,592 x 1,944) VGA (640 x 480)

	<p>16:9 mode: 12M(4,608 x 2,592) / 2M(1,920 x1,080) 3D Still Image: 16M (4608 x 3456)/ 16:9 12M (4608 x 2592) 2D Panorama (size: degrees of sweep angle): 7,152 x 1,080(183deg) / 4,912 x 1,080(126deg) / 4,912 x 1,920(130deg) / 3,424 x 1,920(90deg) / HR (10480 x 4096, 162deg) 3D panorama(size: degrees of sweep angle): 7,152 x 1,080(183deg) / 4,912 x 1,080(126deg) / 4,912 x 1,920(130deg) / 3,424 x 1,920(90deg) / 1,920 x 1,080(49deg) Multi Angle(size and file number): 1,920 x 1,080(15views)</p>	<p>16:9 mode 12M(4,608 x 2,592) / 2M(1,920 x1,080) 3D Still Image: 16M (4608 x 3456)/ 16:9 12M (4608 x 2592) 2D Panorama (size: degrees of sweep angle): 7,152 x 1,080(204deg) / 4,912 x 1,080(140deg) / 4,912 x 1,920(149deg) / 3,424 x 1,920(104deg) HR: (10480 x 4096, 196 deg) 3D panorama(size: degrees of sweep angle): 7,152 x 1,080(204deg) / 4,912 x 1,080(140deg) / 4,912 x 1,920(149deg) / 3,424 x 1,920(104deg) / 1,920 x 1,080(55deg) Multi Angle(size and file number): 1,920 x 1,080(15views)</p>	<p>16:9 mode 12M(4,608 x 2,592) / 2M(1,920 x1,080) 3D Still Image 16M(4,608 x 3,456) / 16:9(12M)(4,608 x 2,592) 2D Panorama (size: degrees of sweep angle) 7,152 x 1,080(245deg) / 4,912 x 1,080(168deg) / 4,912 x 1,920(180deg) / 3,424 x 1,920(125deg) 3D panorama(size: degrees of sweep angle): 7,152 x 1,080(245deg) / 4,912 x 1,080(168deg) / 4,912 x 1,920(180deg) / 3,424 x 1,920(125deg) / 1,920 x 1,080(66deg) Multi Angle(size and file number): 1,920 x 1,080(15views)</p>	<p>16:9 mode: 12M(4,608 x 2,592) / 2M(1,920 x1,080) 2D panorama(size: degrees of sweep angle): 7,152 x 1,080(260deg) / 4,912 x 1,080(178deg) / 4,912 x 1,920(178deg) / 3,424 x 1,920(124deg)</p>
<p>Movie recording Mode</p>	<p>AVCHD 1920 x 1080(50p, 28M, PS): Approx.28Mbps(Max bit-rate) 1920 x 1080(50i , 24M, FX): Approx.24Mbps(Max bit-rate) 1920 x 1080(50i, interlace): Approx.17Mbps(Average bit-rate) 1440 x 1080(50i, interlace): Approx.9Mbps(Average bit-rate) MP4 1440 x 1080(25fps): Approx.12Mbps(Average bit-</p>	<p>AVCHD 1920 x 1080(50p, 28M, PS) Approx.28Mbps(Max bit-rate) 1920 x 1080(50i, 24M,FX) Approx.24Mbps(Max bit-rate) 1920 x 1080(50i, interlace) Approx.17Mbps(Average bit-rate) 1440 x 1080(50i, interlace) Approx.9Mbps(Average bit-rate) MP4 1440 x 1080(25fps) Approx.12Mbps(Average bit-rate) 1280 x 720(25fps)</p>	<p>AVCHD 1920 x 1080(50i, 24M, FX) Approx.24Mbps(Max bit-rate) 1920 x 1080(50i, Interlace) Approx.17Mbps(Average bit-rate) 1440 x 1080(50i, Interlace) Approx.9Mbps(Average bit-rate) MP4 1440 x 1080(25fps) Approx.12Mbps(Average bit-rate) 1280 x 720(25fps) Approx.6Mbps(Average bit-rate) VGA(640 x 480, 25fps)</p>	<p>MP4 720 Fine(1280 x 720, 30fps) Approx.9Mbps(Average bit-rate) 720 STD(1280 x 720, 30fps) Approx.6Mbps(Average bit-rate) VGA(640 x 480, 30fps) Approx.3Mbps(Average bit-rate)</p>

	rate) 1280 x 720(25fps): Approx.6Mbps(Average bit-rate) VGA(640 x 480,25fps): Approx.3Mbps(Average bit-rate)	Approx.6Mbps(Average bit-rate) VGA(640 x 480, 25fps) Approx.3Mbps(Average bit-rate)	Approx.3Mbps(Average bit-rate)	
Face Detection	Auto/ Off/ Child Priority/ Adult Priority Face Selection: Yes (Key, Selected-face Memory) Maximum number of detectable faces: 8 faces	Auto/ Off/ Child Priority/ Adult Priority Face Selection: Yes (Key, Selected-face Memory) Maximum number of detectable faces: 8 faces	Auto/ Off / Child Priority / Adult Priority Face Selection: Yes (Key, Selected-face Memory) Maximum number of detectable faces: 8 faces	Auto/ Off/ Child Priority/ Adult Priority Face Selection: Yes Maximum number of detectable faces: 8 faces
Dynamic Range Optimizer	Standard	Standard	Standard	Standard / Off / Plus
Flash Mode	Auto / On / Slow Syncro/ Rear Slow Synchro / Off	Auto / On / Slow Syncro / Off	Auto / On / Slow Syncro / Off	Auto / On / Slow Syncro / Off
Red Eye Reduction	Auto / On / Off	Auto / On / Off	Auto / On / Off	Auto / On / Off
Exposure Warning Indicator &Vibration Warning Indicator (Hand Shake Alert)	Yes	Yes	Yes	Yes
Flash Range	ISO Auto: Approx. 0.3- Approx 12.7m(W)/ Approx.2.0- Approx 5.9m (T), ISO3200: up to Approx. 18.0m(W)/ Approx 8.4m(T)	ISO Auto: Approx.0.25- Approx.5.6m / Approx.1.2-Approx.3.0m(T), ISO3200: up to Approx.7.9m(W) / Approx.4.4m(T)	ISO Auto: Approx.0.05m- Approx.4.8m / Approx.1.0m- Approx.3.1m(T), ISO3200: up to Approx.6.8m(W) / Approx.4.4m(T)	ISO Auto: Approx.0.25- Approx.3.6m(W) / Approx.1.0-Approx.2.3m(T), ISO3200: up to Approx.7.1m(Approx23.3')(W) / Approx.4.5m(Approx14.8')(T)
Monitor & View finder				
LCD	(3.0 type) 7.5cm 921,600 dots 4:3 XtraFine TruBlack TFT LCD	(3.0 type) 7.5cm 921,600 dots 4:3 XtraFine TruBlack TFT LCD	(3.0 type) 7.5cm 921,600 dots 4:3 XtraFine TFT LCD	(3.0 type) 7.5cm 230,400 dots 4:3 TFT LCD Clear Photo TFT LCD

View finder	Electronical type with Diopter adjustment Electrical View Finder Type: FLC(Ferroelectric Liquid Crystal) Display Selector: Auto/LCD/EVF	---	---	---
Recording				
Dual Rec	From 4:3 Movie to Still Image Size: 2M(1632x1224) 4:3/ from 16:9 Movie to Still Image Size: 3M(2304x1296) 16:9 Number of Recording per 1 Movie: in range of capacity of Memory Card	From 4:3 Movie to Still Image Size: 2M(1632x1224) 4:3/ from 16:9 Movie to Still Image Size: 3M(2304x1296) 16:9 Number of Recording per 1 Movie: in range of capacity of Memory Card	From 4:3 Movie to Still Image Size: 2M(1632x1224) 4:3 from 16:9 Movie to Still Image Size: 3M(2304x1296) 16:9 Number of Recording per 1 Movie: 10 pics	---
Recording Media	MS Duo / MS PRO Duo / MS PRO Duo(High Speed)* / MS PRO-HG Duo* *No Speed Advantage SD Memory Card** / SDHC Memory Card**/ SDXC card** **Using movie mode Class 4 or higher is recommended.			
Internal Memory	Approx.19MB	Approx. 19MB	Approx. 19MB	Approx.27MB
Image File Format (Still Image)	DCF(Design rule for Camera File System)Ver.2.0 DPOF(Digital Print Order Format)Ver.1.1 ExifVer.2.3 MPF Baseline MPF Extended (Disparity Image: 3D Sweep Panorama / Sweep Multi Angle / 3D Still Image)	DCF(Design rule for Camera File System)Ver.2.0 DPOF(Digital Print Order Format)Ver.1.1 ExifVer.2.3 MPF Baseline MPF Extended (Disparity Image(3D Sweep Panorama / Sweep Multi Angle / 3D Still Image)	DCF(Design rule for Camera File System)Ver.2.0 DPOF(Digital Print Order Format)Ver.1.1 ExifVer.2.3 MPF Baseline MPF Extended (Disparity Image: 3D Sweep Panorama / Sweep Multi Angle / 3D Still Image)	DCF(Design rule for Camera File System)Ver.2.0 DPOF(Digital Print Order Format)Ver.1.1 ExifVer.2.3 MPF Baseline
GPS	GPS/ Heading/ GPS Assist/ Auto Offset/ Heading/ ON/ Off Selection/ Priority Positioning	GPS/ Heading/ GPS Assist/ Auto Offset/ Heading/ On, Off Selection/ Priority Positioning	GPS/ Heading/ GPS Assist/ Auto Offset/ Heading/ On, Off Selection/ Priority Positioning	---
Microphone / Speaker	Built in Stereo Microphone / Mono Speaker	Built in Stereo Microphone / Mono Speaker	Built in Stereo Microphone / Mono Speaker	Built in Mono Microphone / Mono Speaker

	Volume Setting: 16 steps Wind noise reduction: Off/ On	Volume Setting: 16 steps Wind noise reduction: Off/ On	Volume Setting: 16 steps Wind noise reduction: Off/ On	Volume Setting: 8 steps
Playback				
Still Image capture from Movie	From 4:3 Movie to Still Image Size: VGA(640x480) 4:3/ From 16:9 Movie to Still Image Size 2M(1920x1080) 16:9	From 4:3 Movie to Still Image Size: VGA(640x480) 4:3/ From 16:9 Movie to Still Image Size 2M(1920x1080) 16:9	---	---
Zoom Magnification of Playback Mode	8x	8x	8x	8x
Slide Show	Video out: HD (HDMI) / SD (Multi Terminal) Movie: Yes	Video out: HD (HDMI) / SD (Multi Terminal) Movie: Yes	Video out: HD (HDMI) / SD (Multi Terminal) Movie: Yes	Video out: HD / SD
Slide Show Setting	Image: All / Date / Folder Effects: Simple / Nostalgic / Stylish / Active Music: Select / Off Interval: 3 / 1 / 5 / 10 sec.(only Simple effect) Repeat: On	Image: All / Date / Folder Effects: Simple / Nostalgic / Stylish / Active Music: Select / Off Interval: 3 / 1 / 5 / 10 sec.(only Simple effect) Repeat: On	Image: All / Date / Folder Effects: Simple / Nostalgic / Stylish / Active Music: Select / Off Interval: 3 / 1 / 5 / 10 sec.(only Simple effect) Repeat: On	Image: All / Date / Folder Effects: Simple / Nostalgic / Stylish / Active Music: Select / Off Interval: 3 / 1 / 5 / 10 sec.(only Simple effect) Repeat: On / Off
Retouch	Trimming/ Red Eye Correction/ Un sharp Masking	Trimming/ Red Eye Correction/ Un sharp Masking	Trimming/ Red Eye Correction/ Un sharp Masking	Trimming/ Red Eye Correction/ Un sharp Masking
Terminal				
Interface	Type3c, AV (SD) / USB/ HDMI/ DC IN	Type3b, AV (SD) / USB / DCIN / HDMI	Type3b USB/AV-out/DC-in/ HDMI	Type3a USB/AV- out(SD/HD Component)/DC-in
Video Out	Composite/ HDMI(2D Auto/ 2D 1080i / 2D 1080p/3D)	Composite/ HDMI (2D Auto/ 2D 1080i/ 2D1080p/ 3D)	Composite / HDMI (2D Auto/ 3D)	Component (HD(1080i) / SD)/ Composite
USB	Hi-Speed USB(USB 2.0);Auto(Multi Configuration)/ Mass Storage/ MTP	Hi-Speed USB(USB 2.0); Auto(Multi Configuration)/ Mass Storage/ MTP	Hi-Speed USB(USB 2.0);Auto(Multi Configuration)/ Mass Storage/ MTP	Hi-Speed USB(USB 2.0); Mass Storage/ PTP/ MTP
General				
Battery	NP-FH50 6.8V/ AC adaptor AC-	NP-BG1 3.6V/ AC adaptor AC-	NP-BG1 3.6V/ AC adaptor AC-	NP-BG1 3.6V/ AC adaptor

	L200C/AC-L200D 8.4V	UB10 5V / AC-LS5 4.2V; USB Charge; USB Power Supply(Playback)	UB10 5V / AC-LS5 4.2V USB Charge; USB Power Supply(Playback)	AC-LS5 4.2V
Dimension (W x H x D)	121.6mm x 86.6mm x 93.1mm	104.8mm x 59.0mm x 33.9mm	101.6mm x 57.6mm x 28.6mm	101.6mm x 57.6mm x 28.6mm
Weight	Approx. 577g Battery and Memory Stick DUO are included	Approx. 245g Battery and Memory Stick DUO are included	Approx. 208g Battery and Memory Stick DUO are included	Approx. 194g (Battery and Memory Stick DUO are included)
Others Features				
Others	Anti Blink Blink Warning Pre Flash Auto Daylight Synchro Natural Flash Self Timer Grid Line Auto Orientation Auto Review Zoom Level(Switch) Mode Dial (iAuto / Superior Auto / Program Auto / Speed / Aperture / Manual / MR / Intelligent Sweep Panorama / Movie / 3D / SCN) Movie Start/ Stop Button Custom Button Manual Ring Jog Dial Function Guide: On/ Off Histogram Indicator Battery Remaining Indicator Recording Media Remaining Indicator Message Display Power Lamp	Anti Blink Blink Warning Pre Flash Auto Daylight Synchro Natural Flash Self Timer Grid Line Auto Orientation Auto Review Zoom Level (Switch) Model Dial (iAuto / Superior Auto / Program Auto / Manual / MR / Intelligent Sweep Panorama / Movie / 3D / SCN / Background Defocus) Movie Start/ Stop Button Custom Button Control Wheel Function Guide: On/ Off Histogram Indicator Battery Remaining Indicator Recording Media Remaining Indicator Message Display Power Lamp Access Lamp	Anti Blink Blink Warning Pre Flash Auto Daylight Synchro Natural Flash Self Timer Grid Line Auto Orientation Auto Review Auto Review Zoom Level (Switch) Model Dial (iAuto / Superior Auto / Program auto / Manual / 3D / Movie / Intelligent Sweep Panorama / Background Defocus / SCN) Movie Start/ Stop Button Control Wheel Function Guide: On/ Off Histogram Indicator Battery Remaining Indicator Recording Media Remaining Indicator Message Display Power Lamp Access Lamp Self-Timer Lamp Smile shutter Lamp	Anti Blink Blink Warning Pre Flash Auto Daylight Synchro Self Timer Grid Line Auto Orientation Auto Review Zoom Level (Switch) Model Dial: (iAuto / Program auto / SCN / Movie / Panorama / Manual)Control Button Function Guide: On/ Off Histogram Indicator Battery Remaining Indicator Recording Media Remaining Indicator Message Display Power Lamp Access Lamp Self-Timer Lamp Smile shutter Lamp

	Access Lamp Self-Timer Lamp Smile shutter Lamp	Self-Timer Lamp Smile shutter Lamp		
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