



2 International Business Park #05-10 Tower One The Strategy Singapore 609930
 Telephone: (65) 6544 8338 Facsimile: (65) 6544 8330

Specification Sheet of Cyber-shot DSC-TX7

Basic Specifications		
Number of pixels	Approx. 10.6 Megapixels (gross) Approx. 10.2 Megapixels (effective)	
Image Sensor	Exmor R CMOS sensor 1/2.4 type(7.59mm)	
Processor	BIONZ	
Total Zoom Magnification	Digital Zoom Off(only Optical Zoom)	4x(Optical)
	Smart Zoom(with Optical Zoom)	5M:Approx.5.6x(Total), VGA:Approx.22x(Total), 16:9(2M):Approx.7.6x(Total)
	Precision Digital Zoom(with Optical Zoom)	Approx.8x(Total)
Optical Zoom Magnification	4x	
Optical Zoom during movie recording	Yes	
Digital Zoom	Smart Zoom / Precision Digital Zoom / Off	
Noise Reduction	Clear RAW NR/ NR Slow Shutter (1/3sec or slower)	
Lens	Lens Type	Vario-Tessar
F-number(Maximum Aperture)	F3.5(W)-4.6(T)	
Focal Length(f =)	4.43-17.7mm	
Focus Range	35mm film equivalent(Still Image)	25-100mm
	35mm film equivalent(Movie16:9)	28-112mm
	35mm film equivalent(Movie4:3)	34-136mm
	Auto	iAuto(W:Approx.1cm(0.39") to Infinity, T:Approx.50cm(1.64') to Infinity) / Program Auto(W:Approx.8cm(0.26') to Infinity, T:Approx.50cm(1.64') to Infinity)
	Close Focus Enabled	W:Approx.1cm(0.39") to Approx.20cm(7.87")
Recording Media	Memory Stick Duo/ Memory Stick PRO Duo/ Memory Stick PRO Duo(High Speed)* / Memory Stick PRO-HG Duo^ / SD Memory Card (Class4 or higher)/ SDHC Memory Card (Class4 or higher)	
LCD	Type	8.8cm(3.5type) TFT LCD
	Aspect Ratio	16 : 9(WIDE)
	Number of dots	921,600dots
	Field of view 100%	Yes
	LCD Name	Xtra Fine TruBlack
	Brightness Setting	Normal / Bright
	Auto Bright monitoring	Yes
Stamina	Battery Life: approximately 115 minutes	
	No of Images: approximately 230 photos	
	Max recording time per video shoot: approximately 29 minutes	
Interface	Type2c (AV(SD/HD Component****) /HDMI****/ USB / DCIN*****	
Main Features		

Shooting Mode	Still Image	Auto (Intelligent)/ Easy Shooting/ Program Auto/High Sensitivity/ Twilight/ Twilight Portrait/ Soft Snap/ Landscape/ Beach/ Snow/ Fireworks/ Hi-speed Shutter/ Underwater/ Gourmet/ Pet Mode/ Handheld Twilight/ Anti Motion Blur/ Intelligent Sweep Panorama/ Backlight Correction HDR	
	Movie	Auto Adjustment/ Under Water	
Still Image: Number of recorded pixel	10M (3,648 x 2,736) 5M (2,592 x 1,944) VGA (640 x 480) 16:9 mode: 7M(3,648 x 2,056) / 2M(1,920 x1,080) Panorama (size:Max. degrees of sweep angle): 7,152 x 1,080(258deg) / 4,912 x 1,080(177deg) / 4,912 x 1,920(177deg) / 3,424 x 1,920(123deg)		
Movie Recording Mode	Movie Recording Mode(AVCHD)	1920 x 1080(50i, Interlace)	Approx.17Mbps(Average bit-rate)
		1440 x 1080(50i, Interlace)	Approx.9Mbps(Average bit-rate)
	Movie Recording Mode(MP4/AVI)	1440 x 1080(Approx.25fps, Progressive)	Approx.12Mbps(Average bit-rate)
		1280 x 720(Approx.25fps, Progressive)	Approx.6Mbps(Average bit-rate)
		VGA(640 x 480, Approx.25fps, Progressive)	Approx.3Mbps(Average bit-rate)
AF Mode	Intelligent AF		
	Auto Macro	Yes(iAuto)	
	Close Focus Enabled	Yes	
Focus Mode	Multi Point AF (9 points)/ Center Weighted AF/ Spot AF/ Flexible Spot AF(Touch)		
AF Illuminator	Auto / Off		
Light Metering Mode	Multi Pattern/ Center Weighted/ Spot		
Shutter Speed	iAuto(2" - 1/1,600) / Program Auto(1" - 1/1,600)		
ISO Sensitivity (REI)	ISO125-3200(Auto), ISO125-800(Program Auto) Settings: Auto / 125 / 200 / 400 / 800 / 1600 / 3200		
Aperture	iAuto(F3.5-F6.3(W)) / Program Auto(F3.5-F6.3(W))		
EV Adjustment	Plus / Minus 2.0EV, 1 / 3EV step		
Image Stabilizer	Yes (Optical SteadyShot)		
White Balance Mode	Auto/ Daylight/ Cloudy/ Fluorescent 1/2/3 / Incandescent/ Flash/ One Push, One Push Set		
White balance mode(Under water)	Auto/ Underwater1/2 / One Push, One Push Set		
Flash Mode	Auto / On / Slow Syncro / Off		
Red Eye Reduction	Auto / On / Off		
Flash Range	ISO Auto: Approx.0.08-Approx.3.8m(Approx.0.26'-Approx.12.47')(W) / Approx.0.5-Approx.3.1m(Approx.1.64'-Approx.10.17')(T), ISO3200: up to Approx.8.0m(Approx26.25')(W) / Approx.6.3m(Approx20.67')(T)		
Face Detection	Mode	Auto / Touch / Child Priority / Adult Priority	
	Face Selection	Yes(Touch, Selected-face Memory)	
	Max. number of detectable faces	8	
Burst Mode	High Speed Burst	High/ Mid/ Low	
	Number of shot at Burst mode	10 fps (max no.)	
Scene Recognition(iSCN)	Auto / Advanced		
	Recognized Scene	9 modes (Twilight / Twilight Portrait / Twilight using a tripod / Backlight / Backlight Portait / Landscape	

		/ Macro / Portrait / Close Focus)		
	Motion Detection	Yes (Face)		
Smile Shutter Settings	Smile Detection Sensitivity/ Indicator	Plus / Minus 1step/ Yes		
Anti Blink/ Blink Warning	Auto(iSCN(Advanced)), Soft Snap(Anti Blink(Auto))			
Dynamic Range Optimizer	Standard			
Recording File Format	DCF(Design rule for Camera File System)Ver.2.0/ DPOF(Digital Print Order Format)Ver.1.1/ ExifVer.2.21/ MPF Baseline			
Movie File Format	Movie Recording Mode(AVCHD)	1920 x 1080(50i, Interlace)	Approx.17Mbps(Average bit-rate)	
		1440 x 1080(50i, Interlace)	Approx.9Mbps(Average bit-rate)	
	Movie Recording Mode(MP4/AVI)	1440 x 1080(Approx.25fps, Progressive)	Approx.12Mbps(Average bit-rate)	
		1280 x 720(Approx.25fps, Progressive)	Approx.6Mbps(Average bit-rate)	
		VGA(640 x 480, Approx.25fps, Progressive)	Approx.3Mbps(Average bit-rate)	
Playback	Zoom Magnification of Playback Mode	8x		
	Maximum Playback Size	Still Image	Under 10M(3,648 x 2,736)	
		Movie	*****	
	Single Image	Cue, Review(Movie)/ Slow Playback(Movie)/ Panorama Scroll Playback		
	Image Index	Index	12 / 28 images (Date / Folder-Still / Folder-Movie / AVCHD)	
		List	Date	
Auto grouping & Best picture recognition	Yes			
Print	Print(PictBridge)/ Print Order Mark(DPOF)/ Exif Print/ PRINT Image Matching(PIM3)			
Video Out	Component	HD(1080i) (with optional accessory)/ SD		
	Composite	Yes		
	HDMI	Yes(*****)		
	Video Out Mode	PAL		
	Wide Zoom Display	Off / On		
	TV Type Capability(SD Output)	16:9 / 4:3		
USB	Hi-Speed USB (USB 2.0)/ USB Connect (Auto(MultiConfiguration)/ Mass Storage/ PictBridge/ PTP/MTP)/ LUN Settings (Multi/Single)			
Other Features				
<ul style="list-style-type: none"> - Self-Timer (Off / 10sec. / 2sec./ portrait1 / portrait2) - Auto Daylight Synchronization - Grid Line - Auto Orientation (On/Off) - Auto Review - Built-in stereo microphone, Mono speaker - PMB Portable - In-camera retouching (Trimming/ Red Eye Correction/ Unsharp Masking) - PHOTOMUSIC (Simple, Nostalgic, Stylish Active): Maximum 4 tunes, 5 minutes - Protect (Single / Select / Date / Folder) - Paint (Pen / Eraser / Stamp / Frame) 				

Dimensions and Weight	
Dimensions (WxHxD, excluding protrusions)	97.8mm x 59.5mm x 17.5mm (3 7/8" x 2 3/8" x 23/32") Min. 16.4mm (21/32") (without lens cover)
Weight	Approx. 133g (4.7oz.) Approx. 149g (5.3oz.) (with battery and MSDuo)
Supplied Accessory	
<ul style="list-style-type: none"> - Rechargeable Battery Pack < NP-BN1 3.6V> - Battery Charger - A/V Cable - USB Cable - Power Cord - Wrist Strap - Paint Pen - CD-ROM - Multi-output Stand 	

*When using "Memory Stick PRO-HG Duo"

** When measuring media capacity, 1GB equals 1 billion bytes(1MB = 1 million bytes), a portion of which is used for data management and/or application files. The capacity that a user can use is approximately X.XXGB.

***When using PMB(Picture Motion Browser), the maximum number of images stored at VGA size.

**** Speed will be slowing after taking some shots.

***** With optional accessory.

***** This camera can play back only the movie files recorded by itself.

^ No speed advantage

Specification Sheet of Cyber-shot DSC-HX5V

Basic Specifications		
Number of pixels	Approx. 10.6 Megapixels (gross) Approx. 10.2 Megapixels (effective)	
Image Sensor	Exmor R CMOS Sensor 1/2.4 type (7.59mm)	
Processor	BIONZ	
Total Zoom Magnification	Digital Zoom Off(only Optical Zoom)	10x(Optical)
	Smart Zoom(with Optical Zoom)	5M:Approx.14x(Total), VGA:Approx.57x(Total), 16:9(2M):Approx.19x(Total)
	Precision Digital Zoom(with Optical Zoom)	Approx.20x(Total)
Optical Zoom Magnification	10x	
Optical Zoom during movie recording	Yes	
Digital Zoom	Smart Zoom / Precision Digital Zoom / Off	
Noise Reduction	Clear RAW NR/ NR Slow Shutter (1/3sec or slower)	
Lens	G Lens	
F-number(Maximum Aperture)	F3.5(W)-5.5(T)	
Focal Length(f =)	4.25-42.5mm	
Focus Range	35mm film equivalent(Still Image)	25-250mm
	35mm film equivalent(Movie16:9)	30-300mm
	35mm film equivalent(Movie4:3)	36-360mm

	Auto	iAuto(W:Approx.5cm(0.16') to Infinity, T:Approx.100cm(3.28') to Infinity)	
Recording Media	Memory Stick Duo/ Memory Stick PRO Duo ^{MS} / Memory Stick PRO Duo ^{MS} / Memory Stick PRO-HG Duo ^{MS} / SD Memory Card ^{SD} / SDHC Memory Card ^{SD}		
LCD	Type	7.5cm (3.0 type) TFT Clear Photo LCD	
	Aspect Ratio	4:3,	
	Number of dots	230,400 dots	
	Brightness Setting	Normal / Bright	
	Auto Bright monitoring	Yes	
Stamina	Battery Life: approximately 155 minutes No of Images: approximately 310 photos Max recording time per video shoot: approximately 29 minutes		
Interface	Type2c (AV(SD/HD Component****) /HDMI****/ USB / DCIN****		
Main Features			
Shooting Mode	Still Image	Auto(Intelligent)/Easy Shooting/ Program Auto/ Manual Exposure/ High Sensitivity/ Twilight/ Twilight Portrait/ Soft Snap/ Landscape/ Beach/ Snow/ Fireworks/ Advanced Sports Shooting/ Gourmet/ Pet Mode/ Handheld Twilight/ Anti Motion Blur/ Intelligent Sweep Panorama/ Backlight Correction HDR	
	Movie	Auto Adjustment	
Still Image: Number of recorded pixel	10M (3,648 x 2,736) 5M (2,592 x 1,944) 3M (2,048 x 1,536) VGA (640 x 480) 16:9 mode: 7M(3,648 x 2,056) / 2M(1,920 x1,080) Panorama (size: Max. degrees of sweep angle): 7,152 x 1,080(270deg) / 4,912 x 1,080(185deg) / 4,912 x 1,920(185deg) / 3,424 x 1,920(129deg)		
Movie Recording Mode	Movie Recording Mode(AVCHD)	1920 x 1080(50i, Interlace)	Approx.17Mbps(Average bit-rate)
		1440 x 1080(50i, Interlace)	Approx.9Mbps(Average bit-rate)
	Movie Recording Mode(MP4/AVI)	1440 x 1080(Approx.25fps, Progressive)	Approx.12Mbps(Average bit-rate)
		1280 x 720(Approx.25fps, Progressive)	Approx.6Mbps(Average bit-rate)
		VGA(640 x 480, Approx.25fps, Progressive)	Approx.3Mbps(Average bit-rate)
AF Mode	Intelligent AF		
	Auto Macro	Yes(iAuto)	
Focus Mode	Multi Point AF (9 points)/ Center Weighted AF/ Spot AF		
AF Illuminator	Auto / Off		
Light Metering Mode	Multi Pattern/ Center Weighted/ Spot		
Shutter Speed	iAuto(2" - 1/1,600) / Program Auto(1" - 1/1,600)/Manual(30"-1/1600)		
ISO Sensitivity (REI)	ISO125-3200(Auto), ISO125-800(Program Auto) Settings: Auto / 125 / 200 / 400 / 800 / 1600 / 3200		
Aperture	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)		
EV Adjustment	Plus / Minus 2.0EV, 1 / 3EV step		
Image Stabilizer	Yes (Optical SteadyShot); Standard/Active		
White Balance Mode	Auto/ Daylight/ Cloudy/ Fluorescent 1/2/3/ Incandescent/ Flash/ One Push, One Push Set		
Flash Mode	Auto / Flash On / Slow Syncro / Flash Off		

Red Eye Reduction	Auto / On / Off			
Flash Range	ISO Auto: Approx.0.05-Approx.3.8m(Approx.0.164'-Approx.12.5')(W) / Approx.1.0Approx.2.6m(Approx.3.281'-Approx.8.53')(T), ISO3200: up to Approx.7.6m(Approx24.9)(W) / Approx.5.2m(Approx17.1')(T)			
Face Detection	Mode	Auto / Touch / Child Priority / Adult Priority		
	Face Selection	Yes(Key)		
	Max. number of detectable faces	8		
Burst Mode	High Speed Burst	High/Mid/Low		
	Number of shot at Burst mode	10 fps (max no.)		
Scene Recognition(iSCN)	Auto / Advanced			
	Recognized Scene	8 modes (Twilight / Twilight Portrait / Twilight using a tripod / Backlight / Backlight Portrait / Landscape / Macro / Portrait)		
	Motion Detection	Yes (Face)		
Smile Shutter Settings	Smile Detection Sensitivity/ Indicator	Plus / Minus 1step/ Yes		
Anti Blink/ Blink Warning	Auto(iSCN(Advanced)), Soft Snap(Anti Blink(Auto))			
Dynamic Range Optimizer	Standard			
Recording File Format	DCF(Design rule for Camera File System)Ver.2.0/ DPOF(Digital Print Order Format)Ver.1.1/ ExifVer.2.21/ MPF Baseline			
Movie File Format	Movie Recording Mode(AVCHD)	1920 x 1080(50i, Interlace)	Approx.17Mbps(Average bit-rate)	
		1440 x 1080(50i, Interlace)	Approx.9Mbps(Average bit-rate)	
	Movie Recording Mode(MP4/AVI)	1440 x 1080(Approx.25fps, Progressive)	Approx.12Mbps(Average bit-rate)	
		1280 x 720(Approx.25fps, Progressive)	Approx.6Mbps(Average bit-rate)	
		VGA(640 x 480, Approx.25fps, Progressive)	Approx.3Mbps(Average bit-rate)	
GPS	GPS/ Heading, GPS Assist, Auto Offset, Heading, Direction Calibration			
Playback	Zoom Magnification of Playback Mode	8x		
	Maximum Playback Size	Still Image	Under 10M(3,648 x 2,736)	
		Movie	*****	
	Single Image	Cue, Review(Movie)/ Slow Playback(Movie)/ Panorama Scroll Playback		
	Image Index	Index	12 / 28 images (Date / Folder-Still / Folder-Movie / AVCHD)	
		List	Date	
Auto grouping & Best picture recognition				
Print	Print(PictBridge)/ Print Order Mark(DPOF)/ Exif Print/ PRINT Image Matching(PIM3)			
Video Out	Component	HD(1080i) (with optional accessory)/ SD		
	Composite	Yes		
	HDMI	Yes(*****)		

	Video Out Mode	PAL
	Wide Zoom Display	Off / On
	TV Type Capability(SD Output)	16:9 / 4:3
USB	Hi-Speed USB (USB 2.0)/ USB Connect (Auto(MultiConfiguration)/ Mass Storage/ PictBridge/ PTP/MTP)/ LUN Settings (Multi/Single)	
Other Features		
<ul style="list-style-type: none"> - Self-Timer (Off / 10sec. / 2sec./ portrait1 / portrait2) - Built-in stereo microphone, Mono speaker - In-camera retouching (Trimming/ Red Eye Correction/ Unsharp Masking) - PHOTOMUSIC (Simple, Nostalgic, Stylish Active): Maximum 4 tunes, 5 minutes - PMB Portable 		
Dimensions and Weight		
Dimensions (WxHxD, excluding protrusions)	102.9mm x 57.7mm x 28.9mm (4 1/8" x 2 3/8" x 1 3/16")	
Weight	Approx. 170g (6.0oz.) Approx. 200g (7.1oz.) (with battery and MSDuo included)	
Supplied Accessory		
<ul style="list-style-type: none"> - Rechargeable Battery Pack <NP-BG1 3.6V> - Battery Charger - Multi-connector cable - Power Cord - Wrist Strap - CD-ROM - HDMI Adaptor 		

*When using "Memory Stick PRO-HG Duo"

** When measuring media capacity, 1GB equals 1 billion bytes(1MB = 1 million bytes), a portion of which is used for data management and/or application files. The capacity that a user can use is approximately X.XXGB.

***When using PMB(Picture Motion Browser), the maximum number of images stored at VGA size.

**** Speed will be slowing after taking some shots.

***** with optional accy.

***** This camera can play back only the movie files recorded by itself.

^Mark2 only

^^ No speed advantage

^^^Class 4 or higher

Specification Sheet of Cyber-shot DSC-W380, DSC-W350, DSC-W320 and DSC-W310

Model	DSC-W380	DSC-W350	DSC-W320	DSC-W310
Basic Specifications				
Number of pixels (effective)	Approx. 14.1 Megapixels			Approx. 12.1 Megapixels
Processor	BIONZ	BIONZ	Yes	Yes
Processor	Super HAD CCD			
	1/2.3 type(7.76mm)			1/2.3 type(7.79mm)
Total Zoom Magnification	Digital Zoom Off(only Optical Zoom)	5x(Optical)	4x(Optical)	

	Smart Zoom(with Optical Zoom)	10M:Approx.5.9x (Total), 5M:Approx.8.3x(Total), VGA:Approx.33x(Total), 16:9(2M):Approx. 11x(Total)	10M:Approx.4.7x (Total), 5M:Approx.6.7x(Total), VGA:Approx.27x(Total), 16:9(2M):Approx. 9.0x(Total)	10M:Approx4.7x(Total), 5M:Approx6.7x(T otal), VGA:Approx.27x(Total), 16:9(2M):Approx. 9x(Total)	8M:Approx.4.9x (Total), 5M:Approx.6.2x (Total), VGA:Approx.25 x(Total), 16:9(2M):Appro x.8.3x(Total)
	Precision Digital Zoom(with Optical Zoom)	Approx.10x (Total)	Approx.8x(Total)		
Optical Zoom Magnification		5x	4x	4x	4x
Optical Zoom during movie recording		Yes			
Digital Zoom		Smart Zoom / Precision Digital Zoom / Off			
Noise Reduction		Clear RAW NR / NR Slow Shutter (1 / 3sec or slower)			-
Lens		G Lens	Vario-Tessar	Vario-Tessar	Sony Lens
F-number(Maximum Aperture)		F2.4(W)-5.9(T)	F2.7(W)-5.7(T)	F2.7(W)-5.7(T)	F3.0(W)-F5.8(T)
Focal Length(f =)		4.25-21.3mm	4.7-18.8mm	4.7-18.8mm	5-20mm
Focus Range	35mm film equivalent(Still Image)	24-120mm	26-105mm	26-105mm	28-112mm
	35mm film equivalent(Movie16:9)	28-140mm	30-122mm	-	-
	35mm film equivalent(Movie4:3)	34-170mm	37-149mm	26-105mm	28-112mm
	Auto	iAuto(W:Approx. 5cm(0.16") to Infinity, T:Approx.50cm(1.64") to Infinity)	iAuto(W:Approx.4 cm(0.13") to Infinity, T:Approx.60cm(1.97") to Infinity)	iAuto(W:Approx. 4cm(0.13") to Infinity, T:Approx.60cm(1.97") to Infinity)	iAuto(W:Approx. 5cm(0.16") to Infinity, T:Approx.50cm(1.64") to Infinity)
Recording Media		Memory Stick Duo/ Memory Stick PRO Duo (Mark2 only)/ Memory Stick PRO Duo(High Speed) ^{***} /Memory Stick PRO-HG Duo ^{***} /SD Memory Card ^{***} /SDHC Memory Card ^{***}		Memory Stick Duo/ Memory Stick PRO Duo (Mark2 only)/ Memory Stick PRO Duo(High Speed) ^{***} /Memory Stick PRO-HG Duo ^{***} /SD Memory Card ^{***} /SDHC Memory Card ^{***}	
LCD		Type Size Aspect Ratio Number of Dots LCD Name	TFT LCD 6.7cm (2.7 type) 4:3 230,400 dots Clear Photo LCD		
Stamina	Battery life	Approx. 110mins	Approx. 120mins	Approx. 120mins	Approx. 110mins
	No. of images	Approx. 220 images	Approx. 240 images	Approx. 240 images	Approx. 220 images
	Max recording time per shoot	Up to 29mins	Up to 29mins	Up to 2GB	Up to 2GB
Interface (Multi Use Terminal)		Type3, AV(SD/HD(1080i)Component****)/USB/DCIN****		AV/USB	AV(SD)/USB
Main Features					
Shooting Mode	Shooting Mode (Still Image)	Auto(intelligent)/ Easy Shooting/ Program Auto/ High Sensitivity/ Twilight/ Twilight Portrait/Soft Snap/ Landscape/Beach/ Snow/ Fireworks (W380only)/ Underwater [^] / Gourmet/ Pet Mode [^] / Sweep Panorama ^{^^}			
	Movie	Auto Adjustment/ Under Water ^{^^}			
Still Image Number of recorded pixels		14M (4,320 x 3,240),			12M (4,000 x

(Image Size)		10M (3,648 x 2,736), 5M (2,592 x 1,944), VGA (640 x 480) 16:9 mode: 11M(4,320 x 2,432) / 2M(1,920 x1,080) Panorama (only for W380 and W350): 7,152 x 1,080(185deg) / 4,912 x 1,080(127deg) / 4,912 x 1,920(127deg) / 3,424 x 1,920(88deg)			3,0008M (3,264 x 2,448), 5M (2,592 x 1,944), VGA (640 x 480) 16:9 mode: 9M(4,000 x 2,248) / 2M(1,920 x1,080)	
Movie Recording Mode(MP4/AVI)	Video Compression	MPEG-4 Visual	MPEG-4 Visual	Motion JPEG	Motion JPEG	
	Audio Recording Format	MPEG-4 AAC- LC	MPEG-4 AAC-LC	CCITT u-Law	CCITT u-Law	
	1280 x 720(29.97fps, Progressive)	Approx.9Mbps, 6Mbps(Average bit rate)	Approx.9Mbps,6 Mbps(Average bit rate)	-	-	
	VGA(640 x 480, 29.97fps, Progressive)	Approx.3Mbps(A verage bit rate)	Approx.3Mbps(Av erage bit rate)	Yes	-	
	QVGA (320 x 240, 29.97fps, Progressive)	-	-	Yes	Yes	
AF Mode		Intelligent AF Auto Macro (iAuto)				
Focus Mode		Multi Point AF (9 points)/ Center Weighted AF/ Spot AF ^				
AF Illuminator		Auto/ Off		-		
Light Metering Mode		Multi Pattern/ Center Weighted/ Spot				
Shutter Speed		iAuto(2" - 1/1,600) / Program Auto(1" - 1/1,600)		iAuto(1/8" - 1/1,600) / Program Auto(1" - 1/1,600)	iAuto(1/4" - 1/2,000) / Program Auto(1" - 1/2,000)	
ISO Sensitivity(REI)		ISO80-3200(Auto), ISO80-800(Program Auto) Setting : Auto / 80 / 100 / 200 / 400 / 800 / 1600 / 3200			ISO100-800(Auto), ISO100-800(Program Auto) Setting: Auto / 100 / 200 / 400 / 800 / 1600 / 3200	
Aperture		iAuto(F2.4/F7.1(W), 2 steps with ND Filter) / Program Auto(F2.4/F7.1(W), 2 steps with ND Filter)	iAuto(F2.7/F8.0(W), 2 steps with ND Filter) / Program Auto(F2.7/F8.0(W), 2 steps with ND Filter)		iAuto(F3.0/F4.3(W), 2 steps) / Program Auto(F3.0/F4.3(W), 2 steps)	
EV Adjustment		Plus / Minus 2.0EV, 1 / 3EV step				
Image Stabilizer		Optical SteadyShot		SteadyShot		
White Balance Mode		Auto/ Daylight/ Cloudy/Fluorescent 1/2/3/ Incandescent/Flash/ One Push, One Push Set ^^				

White balance mode(Under water)		Auto/ Underwater1/2^ / One Push, One Push Set^^			
Flash Mode		Auto / Flash On / Slow Syncro / Flash Off			
Red Eye Reduction		Auto/ On/ Off			
Flash Range		ISO Auto: Approx.0.2- Approx.4.8m(Approx.0.66'- Approx.15.8')(W) / Approx.0.5- Approx.2.0m(Approx.1.64'- Approx.6.56')(T), ISO3200: up to Approx.9.6m(Approx.31.5')(W) / Approx.3.9m(Approx.12.8')(T)	ISO Auto: Approx.0.2- Approx.3.8m(Approx.0.66'- Approx.12.5')(W) / Approx.0.6- Approx.1.9m(Approx.1.97'- Approx.6.23')(T), ISO3200: up to Approx.7.9m(Approx.25.9')(W) / Approx.3.9m(Approx.12.8')(T)	ISO Auto: Approx.0.3- Approx.3.5m(Approx.0.98'- Approx.11.48')(W) / Approx.0.6- Approx.1.8m(Approx.1.96'- Approx.5.91')(T), ISO3200: up to Approx.7.1m(Approx.23.3')(W) / Approx.3.7m(Approx.12.1')(T)	ISO Auto: Approx.0.5 - Approx.3.0m(Approx.1.64'- Approx.9.84')(W) / Approx.0.5 - Approx.1.5 m(Approx.1.64'- Approx.4.92')(T) ISO3200: up to Approx.6.0 m(Approx.19.69')(W) / Approx.3.0 m(Approx.9.84')(T)
Face Detection	Mode	Auto / Off / Child Priority / Adult Priority		Auto / Off	
	Face Selection	Yes(Key)			-
	Max number of detectable faces	8			
Scene Recognition(iSCN)	Mode	Auto / Advanced			Auto
	Recognized Scene	8 modes (Twilight / Twilight Portrait / Twilight using a tripod / Backlight / Backlight Portrait / Landscape / Macro / Portrait)		7 modes (Twilight / Twilight Portrait / Backlight / Backlight Portrait / Landscape / Macro / Portrait)	
	Motion Detection	Yes(Face)			-
Smile Shutter Settings	Smile Detection Sensitivity/ Indicator	Plus / Minus 1step/ Yes			
Anti Blink/ Blink Warning		Auto(iSCN(Advanced)), Soft Snap(Anti Blink(Auto))		-	
Dynamic Range Optimizer		Standard / Off / Plus			-
Recording File Format		DCF(Design rule for Camera File System)Ver.2.0/ DPOF(Digital Print Order Format)Ver.1.1/ ExifVer.2.21/MPF Baseline^^			
Movie File Format	File Format	MP4	MP4	AVI	AVI
	1280 x 720(29.97fps, Progressive)	Approx.9Mbps, 6Mbps(Average bit rate)	Approx.9Mbps, 6Mbps(Average bit rate)	-	-
	VGA(640 x 480, 29.97fps, Progressive)	Approx.3Mbps(Average bit rate)	Approx.3Mbps(Average bit rate)	Yes	-
	QVGA (320 x 240, 29.97fps, Progressive)	-	-	Yes	Yes
Max. Movie recording time per shoot		Approximately 29mins		Up to 2G per shoot	
Playback	Zoom Magnification of Playback Mode	8x			

	Maximum Playback Size (Still Image)	Under 14M(4,320 x 3,240)			Under 12M(4,000 x 3,000)
	Movie	*****			
	Single Image	Cue, Review(Movie), Panorama Scroll Playback (for W380 & W350)			
Print		Print(PictBridge)/ Print Order Mark(DPOF)/ Exif Print/ PRINT Image Matching(PIM3)			
Video Out	Component	HD(1080i) (with optional accessory)/ SD	-		
	Composite	Yes			
	Video Out Mode	NTSC/PAL			
	TV Type Capability(SD Output)	4:3			
USB		Auto(MultiConfiguration)^/ Mass Storage/ PictBridge/ PTP/MTP^/ PTP			
Other Features					
<ul style="list-style-type: none"> - Self-Timer <ul style="list-style-type: none"> o Off / 10sec. / 2sec./ portrait1 / portrait^^ o Off / 10sec. / 2sec. - Built in microphone, speaker - In-camera retouch (Trimming, Red Eye, Unsharp^^) - PHOTOMUSIC^^ (Simple / Nostalgic / Stylish / Active) - PMB Portable 					
Dimensions and Weight					
Dimensions(WxHxD, excluding protrusions)		91.7mm x 51.9mm x 19.7mm (3 5/8" x 2 1/8" x 25/32")	90.7mm x 51.5mm x 16.7mm (3 5/8" x 2 1/8" x 11/16")	92.9mm x 51.9mm x 17.3mm (3 3/4" x 2 1/8" x 11/16")	95.3mmx55mm x18.7mm (3 7/8"x2 1/4"x 3/4")
Weight		Approx. 124g (4.4oz.)	Approx. 117g (4.1oz.)	Approx. 117g (4.1oz.)	Approx. 137g (4.8oz)
Weight (Body only)		Approx. 108g (3.8oz.)	Approx. 100g (3.5oz.)	Approx. 101g (3.6oz.)	Approx. 121g (4.3oz)
Supplied Accessory					
<ul style="list-style-type: none"> - Rechargeable Battery Pack <NP-BN1 3.6V> - Battery Charger - Multi-connector cable - Power Cord - Wrist Strap - CD-Rom 					

*When using "Memory Stick PRO-HG Duo"

**When measuring media capacity, 1GB equals 1 billion bytes(1MB = 1 million bytes), a portion of which is used for data management and/or application files. The capacity that a user can use is approximately X.XXGB.

*** Speed will be slowing after taking some shots.

**** With optional accessory.

***** This camera can play back only the movie files recorded by itself.

^W380, W350, W320 only

^^W380, W350 only

^^^ No speed advantage

^^^^ Class4 or higher

^^^^^ Class 2 or higher

Specification Sheet of Cyber-shot DSC-S2100 and DSC-S2000

Model		DSC-S2100	DSC-S2000
Basic Specifications			
Number of pixels (effective)		Approx. 12.1 Megapixels	Approx. 10.1 Megapixels
Image Sensor		Super HAD CCD	
		1/2.3 type(7.79 mm)	1/2.3 type(7.70 mm)
Processor		Yes	
Total Zoom Magnification	Digital Zoom Off(only Optical Zoom)	3x(Optical)	
	Smart Zoom(with Optical Zoom)	8M:Approx.3.7x(Total), 5M:Approx.4.6x(Total), VGA:Approx.18x(Total), 16:9(2M):Approx.6.2x(Total)	5M:Approx.4.2x(Total), VGA:Approx.17x(Total), 16:9(2M):Approx.5.7x(Total)
	Precision Digital Zoom(with Optical Zoom)	Approx.6x(Total)	
Optical Zoom Magnification		3x	
Digital Zoom		Smart Zoom / Precision Digital Zoom / Off	
F-number(Maximum Aperture)		F3.1(W)-5.6(T)	
Focal Length(f =)		6.2-18.6mm	
Focus Range	35mm film equivalent(Still Image)	35-105mm	36-105mm
	35mm film equivalent (Movie4:3)	35-105mm	35-105mm
	Auto	iAuto(W:Approx.5cm(0.16") to Infinity, T:Approx.40cm(1.31") to Infinity)	iAuto(W:Approx.5cm(0.16") to Infinity, T:Approx.40cm(1.31") to Infinity)
Recording Media		Memory Stick Duo/ Memory Stick PRO Duo (Mark2 only)/ Memory Stick PRO Duo(High Speed)^/ Memory Stick PRO-HG Duo^/ SD Memory Card^^/ SDHC Memory Card^^	
LCD Screen		Type TFT LCD Size DSC-S2100 : 7.5cm (3.0 type) DSC-S2000: 6.2cm (2.5 type) Aspect Ratio 4:3 Number of Dots 230,400 dots LCD Name Clear Photo LCD	
Power Source		AA Alkaline batteries: 3.0V	
Stamina	Battery life (min.)	Approximately 85mins	Approximately 95mins
	No. of images	Approximately 170 images	Approximately 190 images
Main Features			
Shooting Mode	Still Image	Auto (intelligent)/ Easy Shooting/ Program Auto/ High Sensitivity/ Twilight/ Twilight Portrait/ Soft Snap/ Landscape/	

		Beach/ Snow/ Gourmet	
	Movie	Auto Adjustment	
Still Image: Number of recorded pixel	12M (4,000 x 3,000)	Yes	-
	10M (3,648 x 2,736)	-	Yes
	8M (3,264 x 2,448)	Yes	-
	5M (2,592 x 1,944)	Yes	Yes
	VGA (640 x 480)	Yes	Yes
	16:9 mode	9M(4,000 x 2,248) / 2M(1,920 x1,080)	7M(3,648 x 2,056) / 2M(1,920 x1,080)
Movie Recording Mode(MP4/AVI)		VGA(640 x 480, 29.97fps, Progressive) QVGA (320 x 240, 29.97fps, Progressive)	
AF Mode		Intelligent Auto Macro (iAuto)	
Focus Mode		Multi Point AF (9 points)/ Center Weighted AF	
Light Metering Mode		Multi Pattern/ Center Weighted/ Spot	
Shutter Speed		iAuto(1/4- 1/2,000) / Program Auto(1" - 1/2,000)	
ISO Sensitivity(REI)		ISO100-800(iAuto), ISO100-800(Program Auto) Setting: Auto / 100 / 200 / 400 / 800 / 1600 / 3200	
Aperture		iAuto(F3.1/F5.6 (W), 2 steps) / Program Auto(F3.1/F5.6 (W), 2 steps)	
EV Adjustment		Plus / Minus 2.0EV, 1 / 3EV step	
Image Stabilizer		SteadyShot	
White Balance Mode		Auto/ Daylight/ Cloudy/ Fluorescent 1/2/3/ Incandescent/ Flash	
Flash Mode		Auto / Flash On / Slow Synchro / Flash Off	
Red Eye Reduction		Auto / On / Off	
Flash Range		ISO Auto: Approx.0.5 - Approx.3.3m(Approx.1.64'- Approx.10.8')(W) / Approx.0.5 - Approx.1.8 m(Approx.1.64'- Approx.5.91')(T), ISO3200: up to Approx.6.6 m(Approx.21.7')(W) / Approx.3.6 m(Approx.11.8')(T)	
Face Detection	Mode	Auto / off	
	Maximum number of detectable faces	8 faces	
Scene Recognition(iSCN)	Recognized Scene	7 modes (Twilight / Twilight Portrait / Backlight / Backlight Portrait / Landscape / Macro / Portrait)	
Smile Shutter Settings	Smile Detection Sensitivity/ Indicator	Plus / Minus 1step/ Yes	
Recording File Format		DCF(Design rule for Camera File System)Ver.2.0/ DPOF(Digital Print Order Format)Ver.1.1/ ExifVer.2.21	
Movie Recording Format	File Format	AVI	
	Video Compression	Motion JPEG	
	Audio Recording Format	CCITT u-Law	
	Recording Mode (MP4/A)	VGA(640 x 480, 29.97fps, Progressive) QVGA (320 x 240, 29.97fps, Progressive)	
Playback	Zoom Magnification of Playback Mode	8x	

	Maximum Playback Size	Still Image	Under 12M(4,000 x 3,000)	Under 10M(3,648 x 2,736)	
		Movie	*****	*****	
	Single Image		Cue, Review(Movie)		
	Image Index		16 / 25 images (Folder)		
Print			Print(PictBridge)/ Print Order Mark(DPOF)/ Exif Print/ PRINT Image Matching(PIM3)		
USB			Hi-Speed USB(USB2.0)/ Mass storage/ PictBridge/ PTP/ LUN Settings(Multi/Single)		
Other Features					
<ul style="list-style-type: none"> - Self-Timer (Off / 10sec. / 2sec.) - Built in microphone - In-camera retouching (Trimming, Red Eye Correction) - PMB Portable 					
Dimensions and Weight					
Dimensions(WxHxD, excluding protrusions)		97.6mm x 61.0mm x 27.2mm(3 7/8" x 2 1/2" x 1 1/8")	97.6mm x 61.0mm x 27.2mm(3 7/8" x 2 1/2" x 1 1/8")		
Weight	Battery and memory card are included		Approx. 184g (6.5oz.)	Approx. 173g (6.1oz.)	
	Body only		Approx. 137g (4.8oz.)	Approx. 125g (4.4oz.)	
Supplied Accessory					
<ul style="list-style-type: none"> - Wrist strap - Alkaine Batteries - Dedicated USB cable - PC Application Software: Picture Motion Browser (Ver.5.0.01) 					

*When using "Memory Stick PRO-HG Duo"

** When measuring media capacity, 1GB equals 1 billion bytes(1MB = 1 million bytes), a portion of which is used for data management and/or application files. The capacity that a user can use is approximately X.XXGB.

***When using PMB(Picture Motion Browser), the maximum number of images stored at VGA size.

**** Speed will be slowing after taking some shots.

***** with optional accessory

***** This camera can play back only the movie files recorded by itself.

^ no speed advantage

^^ class 2 or higher