

**SONY**

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**Specification Sheet for DSC-TX5 and DSC-H55**

Model		DSC-TX5
Lens Type		Vario-Tessar
Optical Zoom Magnification		4x
F-number(Maximum Aperture)		F3.5(W)-4.6(T)
Focal Length(f = )		4.43-17.7mm
	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")
Type		Exmor R CMOS sensor
Size		1/2.4 type(7.59mm)
Number of gross pixels		Approx. 10.6 Megapixels
Number of effective pixels		Approx. 10.2 Megapixels
Imaging Processor		BIONZ
Digital Zoom		Smart Zoom / Precision Digital Zoom / Off
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 during movie recording		Yes
Noise Reduction		Clear RAW NR/ NR Slow Shutter (1 / 3sec or slower)
AF Mode		Intelligent
	Auto Macro	Yes(iAuto)
	Close Focus Enabled	Yes
Focus Mode		Multi Point AF (9 points)/ Center Weighted AF/ Spot AF/ Flexible Spot AF (Touch)
Light Metering Mode		Multi Pattern/ Center Weighted/ Spot
Aperture		iAuto(F3.5-F6.3(W)) / Program Auto(F3.5-F6.3(W))
Shutter Speed		iAuto(2" - 1/1,600) / Program Auto(1" - 1/1,600)
ISO Sensitivity(REI)	Setting	Auto / 125 / 200 / 400 / 800 / 1600 / 3200
	Auto Controll Range	ISO125-3200(Auto), ISO125-800(Program Auto)
Exposure Compensation	Function	Plus / Minus 2.0EV, 1 / 3EV step
	EV Bar Display	Yes
SteadyShot	System Name	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
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
Shooting Mode ( Movie )		Auto Adjustment/ Under Water
Scene Recognition(iSCN)		Auto / Advanced
	Recognized Scene	9 modes (Twilight / Twilight Portrait / Twilight using a tripod / Backlight / Backlight Portrait / Landscape / Macro / Portrait / Close Focus)
	Motion Detection	Yes(Face)
Face Detection	Mode	Auto / Touch / Child Priority / Adult Priority
	Face Selection	Yes(Touch, Selected-face Memory)
	Maximum number of detectable faces	8 faces
Smile Shutter Settings	Smile Detection Sensitivity	Plus / Minus 1step
Anti Blink		Auto(iSCN(Advanced)), Soft Snap(Anti Blink(Auto))
Blink Warning		Auto(iSCN(Auto/Advanced)), Soft Snap(Anti Blink(Auto))
Flash Mode		Auto / On / Slow Syncro / Off
Red Eye Reduction		Auto / On / Off
Flash Range		ISO Auto: Approx.0.08-Approx.2.9m(Approx.0.26'-Approx.9.51')(W) / Approx.0.5-Approx.2.4m(Approx.1.64'-Approx.7.87')(T), ISO3200: up to Approx.6.0m(Approx19.7)(W) / Approx.4.7m(Approx15.4')(T)
Auto Daylight Synchro		Yes
Self-Timer		Off / 10sec. / 2sec./ portrait1 / portrait2
Auto Orientation		On / Off
Auto Review		Yes
LCD Monitor	Type	7.5cm(3.0type) TFT LCD
	Aspect Ratio	16 : 9(WIDE)
	Number of dots	230,400 dots
	Field of view 100%	Yes
	LCD Name	Clear Photo LCD Plus
Brightness Setting		Normal / Bright
Auto Bright monitoring		Yes
Compatible Recording Media		Memory Stick Duo/ Memory Stick PRO Duo/ Memory Stick PRO Duo(High Speed)^/Memory Stick PRO-HG Duo^/SD Memory Card^^/SDHC Memory Card^^
Image File Format(Still Image)		DCF(Design rule for Camera File System)Ver.2.0/ DPOF(Digital Print Order Format)Ver.1.1/ ExifVer.2.21/ MPF Baseline
Still Image Recording Mode		Normal (JPEG)/ Hi-speed Burst ( High/Mid/Low)
Still Image Number of recorded pixels (Image Size)	10M (3,648 x 2,736)	Yes
	5M (2,592 x 1,944)	Yes
	VGA (640 x 480)	Yes

	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 Format	File Format	MP4
	Video Compression	MPEG-4 Visual
	Audio Recording Format	MPEG-4 AAC-LC
Movie Recording Mode(MP4/AVI)	1280 x 720(29.97fps, Progressive)	Approx.6Mbps(Average bit-rate)
	VGA(640 x 480, 29.97fps, Progressive)	Approx.3Mbps(Average bit-rate)
Max recording time per shoot		Approximately 29mins
Built-in Microphone		mono
Speaker		mono
Volume Setting		8 steps
Maximum Playback Size	Still Image	Under 10M(3,648 x 2,736)
	Movie	*****
Single Image	Cue, Review(Movie)	Yes
	Panorama Scroll Playback	Yes
Image Index	Index	12 / 28 images (Date / Folder-Still / Folder-Movie)
	List	Date
Slide Show	Video Out	HD / SD
Slide Show Settings	Image	All / Date / Folder
	Effects	Simple / Nostalgic / Stylish / Active
	Music	Select / Off
	Interval	3 / 1 / 5 / 10 sec.(only Simple effect)
	Repeat	On / Off
Slideshow Music	Audio Format	MP3(Stereo)
	Number of music, Maximum length of one music	4 tunes, 5 min.
Music Tool		Download Music / Format Music
View Mode		Date view/ Folder view/ Movie view/ Folder view(Still Image)
Zoom Magnification of Playback Mode		8x
Retouch		Trimming/ Red Eye Correction/ Unsharp Masking
Paint	Tool	Pen / Eraser / Stamp / Frame
PC Sync		Yes(MS)
PMB Portable		Yes
Power Button		Yes
Zoom Lever(Switch)		Yes
Playback Button		Yes
Touch Panel		Yes
	Drag Operation	Yes
	Calibration	Yes
Memory card Tool		Format/ Create, Change Recording Folder/ Copy (from Internal Memory to Memory card)/ Reset File Number/ Delete Folder
		Print(PictBridge)/ Print Order Mark(DPOF)/ Exif Print/ PRINT

		Image Matching(PIM3)
Water Proof & Dust Proof		Yes (IP58)
Shock Proof		Yes(1.5m/5ft)
Auto Power Off		Standard / Stamina /Off
Component		HD(1080i) (with optional accessory)/ SD
Composite		Yes
Video Out Mode		NTSC / PAL
Wide Zoom Display		Off / On
TV Type Capability(SD Output)		16:9 / 4:3
Hi-Speed USB(USB2.0)		Yes
USB Connect		Auto(MultiConfiguration)/ Mass Storage/ PictBridge/ (PTP/MTP)
LUN Settings(Multi/Single)		Yes
Multi Use Terminal		Type3 (AV(SD/HD Component*****) / USB / DCIN*****
Tripod Receptacle		Yes
Housing Mode(Water housing compatibility)		Off / On
Power Source	Battery	NP-BN1 3.6V
	AC adaptor	AC-LS5 4.2V
Supplied Battery	Max shots per charge	approximate 250 images/ 125mins
Dimensions(WxHxD, excluding protrusions)		94.0mm x 56.9mm x 17.7mm (3 3/4" x 2 1/4" x 23/32")
Special Mention on Dimension		Min. 16.7mm (11/16") (without lens cover)
Weight	Battery and Memory card are included	Approx. 144g (5.1oz.)
	Body only	Approx. 128g (4.5oz.)
Operating Temperature		-10 degrees C. - +40 degrees C.
Storage Temperature		-20 degrees C. - +60 degrees C.
Start-up Time		Approx. 1.3sec.
Shooting Time Lag		Approx. 0.3 sec.
Shutter Release Time Lag		Approx. 0.007 sec.
Shooting Interval	Maximum number of recoded pixels	Approx. 1.6sec.
Burst Speed(maximum)	Burst(Maximum number of recoded pixels)	Approx.10 fps(10 shots)
Burst Interval(minimum)	Burst(Maximum number of recoded pixels)	Approx.0.1 sec.(10 shots)
<p>*When using "Memory Stick PRO-HG Duo"</p> <p>** 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.</p> <p>***When using PMB(Picture Motion Browser), the maximum number of images stored at VGA size.</p> <p>**** Speed will be slowing after taking some shots.</p> <p>***** with optional accy.</p> <p>***** This camera can play back only the movie files recorded by itself.</p> <p>^^ Class 4 or higher</p> <p>^ No Speed advantage</p>		

## **Specification Sheet for DSC-H55**

<b>Model</b>		<b>DSC-H55</b>
Lens Type		G Lens
Optical Zoom Magnification		10x
F-number(Maximum Aperture)		F3.5(W)-5.5(T)
Focal Length(f = )		4.25-42.5mm
	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)
Type		Super HAD CCD
Size		1/2.3 type(7.76mm)
Number of effective pixels		Approx. 14.1 Megapixels
Imaging Processor		BIONZ
Digital Zoom		Smart Zoom / Precision Digital Zoom / Off
	Optical Zoom	10x(Optical)
Total Zoom Magnification	Smart Zoom(with Optical Zoom)	10M:Approx.11x(Total), 5M:Approx.16x(Total), VGA:Approx.67x(Total), 16:9(2M):Approx.22x(Total)
	Precision Digital Zoom(with Optical Zoom)	Approx.20x(Total)
Optical Zoom during movie recording		Yes
Noise Reduction		Clear RAW NR/ NR Slow Shutter (1/3 sec or slower)
AF Mode		Intelligent
Auto Macro		Yes(iAuto)
Focus Mode		Multi Point AF (9 points)/ Center Weighted AF/ Spot AF
Light Metering Mode		Multi Pattern/ Center Weighted/ Spot
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)
Shutter Speed		iAuto(2" - 1/1,600) / Program Auto(1" - 1/1,600)/Manual(30"-1/1600)
ISO Sensitivity(REI)	Setting	Auto / 80 / 100 / 200 / 400 / 800 / 1600 / 3200
	Auto Controll Range	ISO80-3200(Auto), ISO80-800(Program Auto)
Exposure Compensation	Function	Plus / Minus 2.0EV, 1 / 3EV step
SteadyShot	System Name	Optical SteadyShot
	Active Mode	Yes ( Standard / Active )
White Balance Mode		Auto/ Daylight/ Cloudy/ Fluorescent 1/2/3/ Incandescent/ Flash/ One Push, One Push Set

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	-
	Sweep Panorama	Yes
	Backlight Correction HDR	-
Shooting Mode ( Movie )	Auto Adjustment	Yes
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)
Face Detection	Mode	Auto / Off / Child Priority / Adult Priority
	Maximum number of detectable faces	8 faces
Smile Shutter Settings	Smile Detection Sensitivity	Plus / Minus 1step
Anti Blink		Auto(iSCN(Advanced)), Soft Snap(Anti Blink(Auto))
Flash Range		ISO Auto: Approx.0.05-Approx.4.1m(Approx.0.16'-Approx.13.5')(W) / Approx.1.0-Approx.2.6m(Approx.3.28'-Approx.8.53')(T), ISO3200: up to Approx.8.2m(Approx26.9)(W) / Approx.5.2m(Approx17.06')(T)
Self-Timer		Off / 10sec. / 2sec./ portrait1 / portrait2
LCD Monitor	Type	7.5cm (3.0") TFT LCD, 230,400 dots
Compatible Recording Media	(Still Images / Movies)	Memory Stick Duo/ Memory Stick PRO Duo/ Memory Stick PRO Duo(High Speed)^/ Memory Stick PRO-HG Duo^/ SD Memory Card^^/ SDHC Memory Card^^
Image File Format(Still Image)		DCF(Design rule for Camera File System)Ver.2.0/ DPOF(Digital Print Order Format)Ver.1.1/ ExifVer.2.21/ MPF Baseline
Still Image Recording Mode		Normal (JPEG)/ Hi-speed Burst ( High/Mid/Low)/ Bracketing(JPEG)
Still Image Number of recorded pixels (Image Size)	13M (4,320 x 3,240)	Yes
	10M (3,648 x 2,736)	Yes
	5M (2,592 x 1,944)	Yes
	3M (2,048 x 1,536)	-
	VGA (640 x 480)	Yes
	16:9 mode	11M( 4,320 x 2,432) / 2M(1,920 x1,080)
	Panorama (size:Max. degrees of sweep angle)	7,152 x 1,080(244deg) / 4,912 x 1,080(168deg) / 4,912 x 1,920(168deg) / 3,424 x 1,920(117deg)
Movie Recording Format	File Format	MP4
	Video Compression	MPEG-4 Visual
	Audio Recording	MPEG-4 AAC-LC

	Format	
Movie Recording Mode(AVCHD)	1920 x 1080(50i, Interlace)	-
	1440 x 1080(50i, Interlace)	-
Movie Recording Mode(MP4/AVI)	1440 x 1080(Approx.25fps, Progressive)	-
	1280 x 720(29.97fps, Progressive)	Approx.9Mbps, 6Mbps(Average bit rate)
	1280 x 720(Approx.25fps, Progressive)	-
	VGA(640 x 480, 29.97fps, Progressive)	Approx.3Mbps(Average bit rate)
	VGA(640 x 480, Approx.25fps, Progressive)	-
GPS / Compass		-
Max recording time per shoot		Approximately 29mins
Built-in Microphone		mono
Speaker/ Volume Setting		mono/ 8 steps
Maximum Playback Size	Still Image	Under 14M(4,320 x 3,240)
	Movie	*****
Single Image	Cue, Review(Movie)	
	Panorama Scroll Playback	
Image Index	Index	16 / 25 images (Date / Folder-Still / Folder-Movie)
Slide Show	Video Out	HD / SD
	Movie	-
Slide Show Settings	Image	All / Date / Folder
	Effects	Simple / Nostalgic / Stylish / Active
	Interval	3 / 1 / 5 / 10 sec.(only Simple effect)
Slideshow Music	Audio Format/ Number of music, Maximum length of one music	MP3(Stereo)/ 4 tunes, 5 min.
View Mode		Date view/ Movie view/ Folder view(Still Image)
Zoom Magnification of Playback Mode		8x
Control for HDMI		-
Mode Dial		7 modes (iAuto / Program auto / Easy / SCN / Movie / Panorama/Manual)
Movie Start / Stop Button		-
Memory Card Tool		Format/ Create, Change Recording Folder/ Copy (from Internal Memory to Memory Card)/ Reset File Number/ Delete Folder Print(PictBridge)/ Print Order Mark(DPOF)/ Exif Print/ PRINT Image Matching(PIM3)
Component		HD(1080i) (with optional accessory)/ SD
Composite		Yes
HDMI		-

Video Out Mode		NTSC / PAL
TV Type Capability(SD Output)		4:3
Hi-Speed USB(USB2.0)		Yes
USB Connect		Auto(MultiConfiguration)/ Mass Storage/ PictBridge/ PTP/MTP
LUN Settings(Multi/Single)		Yes
Multi Use Terminal		Type2B, AV(SD/HD(1080i)Component****)/USB/DCIN****
Battery Remaining Indicator(Minute Display)		Yes(NP-FG1)
Power Supply Voltage	Battery/ AC adaptor	NP-BG1 3.6V/ AC-LS5 4.2V
Supplied Battery	Max shots per charge	Approximately 310 images
Dimensions(WxHxD, excluding protrusions)		102.9mm x 57.7mm x 28.9mm (4 1/8" x 2 3/8" x 13/16")
Weight	Body	Approx. 170g (6.0oz.)
Operating Temperature		0 degrees C. - +40 degrees C.
Storage Temperature		-20 degrees C. - +60 degrees C.
Start-up Time		Approx. 1.9sec.
Shooting Time Lag		Approx. 0.3 sec.
Burst Speed(maximum)	Burst(Maximum number of recoded pixels)	Approx.1.84 fps(4 shots****)

