

Specification		NX100
Image Sensor	Type	CMOS
	Sensor size	23.4×15.6mm
	Effective Pixel	Approx. 14.6 Mega-pixels
	Total Pixel	Approx. 15.1 Mega-pixels
	Color Filter	RGB primary color filter
Lens	Mount	Samsung NX Mount
	Usable Lens	Samsung Lenses for Samsung NX Mount
Image Stabilization	Type	Lens Shift (depends on Lens)
	Mode	OIS Model1 / Mode2
Distortion Correct	Mode	LDC On / Off (depends on Lens)
Dust Reduction	Type	Super sonic drive
Display	Type	AMOLED
	Size	3.0"
	Resolution	VGA (640x480) 614k dots (PenTile)
	Field of view	Approx. 100%
	User Display	Grid (4types), Histogram, Icons : On / Off
Viewfinder	Type	EVF (Optional)
Focusing	Type	Contrast AF
	Focusing point	Selection : 1point (Free selection) Multi : Normal 15points, Close Up 35points Face Detection : Max. 10faces
	Modes	Single AF, Continuous AF, MF
	AF-assist lamp	Yes (Green LED)
Shutter	Type	Electronically controlled vertical-run focal plane shutter
	Speed	Auto : 1/4000sec. ~ 30sec. Manual : 1/4000sec. ~ 30sec. (1/3EV step) Bulb (Limit time : 8 min)
Exposure	Metering System	TTL 247 (19x13) Block segment
		Metering : Multi, Center-weighted, Spot
		Metering range : EV0 ~ 18 (ISO100-30mm F2.0)
	Compensation	±3 EV (1/3EV step)
	AE Lock	AEL button
	ISO Equivalent	Auto, 100, 200, 400, 800, 1600, 3200 (1EV or 1/3EV step) Extension settable : ISO 6400 * Auto ISO upper level is selectable. (Up to ISO 1600)
Drive Mode	Modes	Single, Continuous, Burst, Self-timer, Bracket (AE, WB, PW)

	Continuous	JPEG : 3fps up to 6shots (LDC : On) 10shots (LDC : Off) Burst mode : 10, 15, 30fps selectable, 30shots by 1 released RAW : 3fps up to 3shots
	Bracket	Auto Exposure Bracket ($\pm 3EV$), White Balance Bracket ($\pm 3step$), Picture Wizard Bracket (Selectable 3modes)
	Self-timer	2-30sec. (1sec. step)
	Remote controller	Wired : SR9NX01 (Optional)
Flash	Internal Flash	N/A
	External Flash	Samsung External Flash available (SEF42A, SEF20A, SEF15A : Optional)
	Synchro (Flash attachment)	Hot Shoe
White Balance	Modes	Auto, Daylight, Cloudy, Fluorescent (W, N, D), Tungsten, Flash, Custom, K(Manual)
	Micro adjustment	Each 7steps in Amber / Blue / Green / Magenta axis
Dynamic Range Expansion		Smart Range On / Off
Picture Wizard	Modes	Standard, Vivid, Portrait, Landscape, Forest, Retro, Cool, Calm, Classic, Custom (1-3)
	Parameter	Contrast, Sharpness, Saturation, Color
Shooting	Modes	Smart Auto, Lens Priority, Program, Shutter Priority, Aperture Priority, Manual, Scene, Movie
	Scene Mode	Beauty shot, Children, Close Up, Text, Sunset, Dawn, Backlight, Fireworks, Beach & Snow, Night, Portrait, Landscape, Sports, Sound Picture
	Sound Picture	JPEG Only Sound Recording Time (Before and after shooting each 5 or 10sec.)
	Image Size	JPEG (3:2) : 14M (4592x3056), 10M (3872x2592), 6M (3008x2000), 2M (1920x1280), 1.4M (1472x976): Burst mode only JPEG (16:9) : 12M (4592x2584), 8M (3872x2176), 5M (3008x1688), 2M (1920x1080) JPEG (1:1) : 9M (3056x3056), 6.7M (2592x2592), 4M (2000x2000), 1.6M (1280x1280) RAW : 14M (4592x3056)
	Quality	Super fine, Fine, Normal
	RAW Format	SRW
	Color Space	sRGB, Adobe RGB
Movie	Format	MP4 (H.264)
	Compression	Movie : H.264, Sound : AAC
	Mode	Program, Aperture Priority
	Movie Clip	With Audio or without Audio (user selectable, recording time : 25 minutes)
	Image size	1280x720, 640x480, 320x240 (Default : 1280x720)
	Frame rate	30fps
	Sound	Mono Sound
	Movie Editing	Still Image Capture, Time Trimming

Image Play	Type	Single image, Thumbnails (3/9/20 images), Slide show, Movie
	Highlight Warning	Available
	Editing	Red eye fix, Back light comp., Photo Style Selector, Resize, Rotate, Face Retouch, Smart Filter
	Smart Filter	Vignetting, Miniature, Fish-Eye, Sketch, De-fog, Halftone Dots, Soft Focus <Size> JPEG (3:2) : 6M (3008x2000), 2M (1920x1280), VGA (640x424) JPEG (4:3) : 6M (3008x2256), 2M (1920x1440), VGA (640x480) JPEG (16:9) : 5M (3008x1688), 2M (1920x1080), VGA (640x360) JPEG (1:1) : 4M (2000x2000), 1.6M (1280x1280), VGA (480x480)
	Photo Style Selector	Soft, Vivid, Forest, Autumn, Misty, Gloomy, Classic,
Storage	Media	SD, SDHC
	File Format	RAW (SRW), JPEG (EXIF 2.21), DCF, DPOF 1.1, PictBridge 1.0
	Capacity (1GB)	14M : RAW 34 14M (3:2) : Super Fine 141, Fine 282, Normal 423 10M (3:2) : Super Fine 195, Fine 391, Normal 587 6M (3:2) : Super Fine 320, Fine 640, Normal 961 2M (3:2) : Super Fine 732, Fine 1465, Normal 2198 Burst (1.4M) : Super Fine 1161, Fine 2322, Normal 3484 12M (16:9) : Super Fine 166, Fine 332, Normal 499 8M (16:9) : Super Fine 232, Fine 464, Normal 696 5M (16:9) : Super Fine 376, Fine 752, Normal 1129 2M (16:9) : Super Fine 850, Fine 1703, Normal 2550 9M (1:1) : Super Fine 210, Fine 420, Normal 630 6.7M (1:1) : Super Fine 288, Fine 576, Normal 864 4M (1:1) : Super Fine 470, Fine 940, Normal 1411 1.6M (1:1) : Super Fine 1041, Fine 2083, Normal 3121 Movie : 1280x720 : High Quality 15min., Normal 22min. 640x480 : High Quality 44min., Normal 66min. 320x240 : High Quality 145min., Normal 210min. ※ These figures are measured under the Samsung standard
Languages		16 (Korean, English, Danish, German, Dutch, Swedish, Spanish, Italian, Czech, French, Portuguese, Polish, Finnish, Russian, Simplified/Traditional Chinese)
Direct Printing		PictBridge
GPS	Type (Specification)	Geo-tagging w/ Optional GPS Module (WGS84)
	Function	- Location Name (OSD) (English and Korean only) - Google Map Link (with intelli-Studio)
Interface	Digital Output Connector	USB 2.0 (HI-SPEED)



	Video output	NTSC, PAL (user selectable) HDMI 1.3 : (1080i, 720P, 576P / 480P)
	External Release	Yes
	DC power input connector	DC 9.0V, 1.5A (100 ~ 240V)
Power Source	Type	Rechargeable battery : BP1310 (1300mAh) Charger: BC1310 AC Adaptor : AD9NX01 (Optional) * Included battery may vary depending on sales region
	Battery life	Still : 420shots / 210min (CIPA Standard) Movie : 130min
Physical Specification	Dimensions(WxHxD)	120.5×71×34.5mm (excluding the projecting parts of the camera)
	Weight	282g (without battery and memory card) 340g (Battery and memory card included)
	Operating Temperature	0 ~ 40 °C
	Operating Humidity	5 ~ 85%
Software	Application	intelli-studio 2.1, Samsung RAW Converter 4 Adobe Reader

* Specifications are subject to change without prior notice
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System Requirements	
For Windows	PC with processor better than Intel Pentium III 500MHz (Intel Pentium 800MHz or higher recommended) Windows XP / Vista / 7 Minimum 256MB RAM (512MB or more recommended) 250MB of available hard disk space (1GB or more recommended) USB port CD-ROM drive 1024x768 pixels, 16-bit color display compatible monitor (24-bit color display recommended) Microsoft Direct X 9.0c or later
For Macintosh	Power Mac G3 or later Mac OS 10.4 or later Minimum 256MB RAM (512MB or more recommended) Minimum 110MB of available hard-disk space USB port CD-ROM drive

Application software System Requirements

Software		System Requirements
Intelli-studio		Windows XP SP2 / Vista / 7 Intel Pentium 4, 3.2GHz or higher / AMD Athlon™FX, 2.6GHz or higher Minimum 512MB RAM (1GB or more recommended) 250MB of available hard disk space (1GB or more recommended) 1024x768 pixels, 16-bit color display compatible monitor (1280x1024 pixels, 32-bit color display Recommended) USB 2.0, Microsoft DirectX 9.0c or later nVIDIA Geforce 7600GT or higher / ATI X1600 series or higher # 64-bit editions of Windows XP / Vista / and 7 are not supported.
Samsung RAW Converter	Windows	Windows XP / Vista / 7 Intel Pentium , AMD Athlon Processor (Intel Pentium 4, Athlon XP or later recommended) 1GB or more RAM recommended Minimum 100MB of available hard disk space 1024x768 pixels, Full Color (24-bit or higher) color display compatible monitor
	Macintosh	Mac OS X v10.6 / v10.5 / v10.4 Power PC / Intel Processor-based or compatible computer (Core 2 Quad or later recommended) 1GB or more RAM recommended Minimum 100MB of available hard disk space 1024x768 pixels, 24bit color display compatible monitor