



# RANGER

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RANGER HD DVGenius 5000X Digital Video Camcorder

*The Action Companion that is High On Features, Great on Price*

Singapore, 1<sup>st</sup> November 2009 - The latest **RANGER HD DVGenius 5000X** is one camcorder that will suit your pocket thanks to its small size and great price. This new camcorder is at the top end of the latest range of three HD camcorders which will be released by Singapore-based company, RANGER during SITEX 2009.

HD DVGenius 1000



HD DVGenius 5000X



HD DVGenius 3000

The HD DVGenius 5000X excels in both form and function. This 720p (1280 x 720) high definition camcorder features an effective **5.0MP sensor resolution** that records at a rate of up to **30 frames per second**. Fast moving, action shots will be a breeze with its **auto-focus** and **image stabilization** abilities. Zooming is also simple with a designated zoom button at the top of the camcorder that allows for smooth **5x Optical Zoom** and **4x Digital Zoom**. For those that need **effects** you can choose between Normal, Black & White and Sepia recording.

RANGER has kept in mind the frustration batteries and memory space can give us. For the 5000X you will not have to worry about deleting files to make space – the camcorder has ample capacity through its **SD/MMC card** slot which allows for an upgradeable external memory of up to **32GB**, this translates to over **8 hours** of uninterrupted recording per card. For those that have a habit of purchasing extra batteries, the DVGenius5000X uses a **standard NP60 Li-ion** battery allowing you to get spares that do not cost an arm and a leg.

In terms of form, the sturdy DVGenius5000X measures **59mm x 117mm x 63mm** and weighs a mere **315 grams** making it easy to carry around wherever you go. The camcorder boasts a **3” swivel-reversible screen** that is able to **rotate 270 degrees** and has **soft touch buttons** and a handy **joystick** for ease in navigation through the different menus of the camcorder. The in-built mic captures **clear stereo sound** for all your recordings.

One of the best things about the camera is how **simple** it is to learn and use – an ideal choice for new users or those that do not require all the bells and whistles of a professional camera. The easy menu will ensure users are spending more time shooting and less time being frustrated. The camera also comes with **HDMI output** so even the most basic users can enjoy their videos straight on their HD televisions as soon as it is recorded.

To top it off, the device actually houses 5 gadgets in one - in addition to being a camcorder, the RANGER HD DVGenius5000X also functions as a digital **still camera** (up to 16.0MP), a **voice recorder**, **webcam** and **MP3 player**. The DV5000X camera will be available at **SITEX 2009** [Booth 5G50, Singapore Expo Hall 5] at a special launch price of \$399 – you can expect some freebies as well.

DVGenius5000X Specifications:

<b>IMAGE SENSOR</b>	5.0MP CMOS
<b>VIDEO RESOLUTION</b>	HD (1280 x 720)/up to 30fps
	VGA (640 X 480)/up to 30fps
	QVGA (320 x 240)/up to 30fps
<b>IMAGE RESOLUTION</b>	2 Mega Pixels, 5 Mega Pixels
	8, 12, 16 Mega Pixels (Interpolation)
<b>ZOOM</b>	4X Digital Zoom
<b>LENS</b>	5X Optical Zoom Lens
<b>FLASHLIGHT/STROBE</b>	Yes (Auto / On / Off)
<b>ANTI-RED EYES (IGBT)</b>	Yes
<b>APERTURE RANGE</b>	6.8 - 34mm / F3.5-3.7
<b>FOCUS RANGE</b>	Macro: 1cm ~ 80cm Normal: 80cm ~ Infinity
<b>EXPOSURE CONTROL</b>	Auto (+/- 2 EV compensation)
<b>WHITE BALANCE</b>	Auto / Sunny / Cloudy / Fluorescent / Tungsten
<b>SPECIAL EFFECT</b>	3 modes - Normal/Black & White/Classic
<b>FILE FORMAT</b>	MP4(H.264), WAV, JPEG
<b>INTERNAL MEMORY</b>	Built-in 32MB Nano-Flash Memory (20MB available for storage)
<b>EXTERNAL MEMORY</b>	SD/MMC Card slot (up to 32GB SDHC)
<b>VIDEO CLIP SIZE</b>	1.85GB per file
<b>DRAM</b>	64MB DDR2
<b>LCD DISPLAY</b>	3.0" Swivel-Reversible, 270-degree rotation, High Quality LCD (960 x 240)
<b>MICROPHONE</b>	Yes
<b>VOICE RECORDER</b>	Yes
<b>SPEAKER</b>	Yes
<b>PC CAMERA</b>	Yes
<b>INTERFACE</b>	USB 2.0 High Speed (1.1 compatible)
<b>TV OUTPUT</b>	HDTV (HDMI Type C), NTSC/PAL Color System Supported
<b>BATTERY</b>	NP60 Li-ion Battery
<b>AUTO POWER-OFF</b>	1 / 3 / 5 minutes / Off
<b>SELF-TIMER</b>	10 seconds
<b>DC INPUT</b>	Yes (via USB port with USB Cable or 5V AC Adapter)
<b>DIMENSIONS</b>	59mm x 117mm x 63mm
<b>WEIGHT</b>	315grams ( with battery )
<b>OPERATING SYSTEM</b>	Windows XP SP2/Vista/MacOS X

About RANGER Technology: The RANGER brand is a wholly owned subsidiary of Systems Technology Pte Ltd (Systech). The brand was first established in 1990 and became one of the pioneer brands of personal computers in Singapore. The RANGER brand currently carries products in four main categories: Portable Storage, Digital Imaging, Wi-Fi & Communications and Accessories. Presently, RANGER is recognized as an affordable and trusted brand of IT products. Our portable hard disks especially, are reputed in the market for its excellent quality inside and out. Looking ahead, RANGER aims to be the number one IT lifestyle brand in terms of range and quality.

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