

**DVR - VVK-NH0823M / VVK-NH1643M**



ITEM		VVK-NH0823M	VVK-NH1643M	
Video	Input	Number of Channels	8 (650/700TVL)	
		Signal Format	NTSC/PAL	
	Output	Main Monitor	VGA and HDMI (1920x1080)	
		Sub Monitor	CVBS and SPOT	
Audio	Input & Output		4 Line Input & 1 Line Output	
	Audio Codec		G.711	
Alarm	Sensor Input		4	
	Alarm Output		1	
Record	Compression		H.264	
	Resolution & Frame Rate	960H(960x480)	240/200fps	480/400fps
		D1(704x480)	240/200fps	480/400fps
		CIF(352x240)	240/200fps	480/400fps
	Recording quality grade		5 LEVELS	
	Recording Mode		Continuous / Motion / Sensor / Schedule / Manual / Smart	
	Pre Recording		Max. 20 Minutes	
Post Recording		Max. 60 Seconds		
Playback	Search		Quick, Date/Time, Event, Archive, Log	
	Multi-Decoding		1, 4, 8	
	Playback Speed		x0.25, x0.5, x2, x4, x8, x16, x32, x64	
Backup	Media		USB drive, External HDD, DVD-R, Network	
	Format		BMP, AVI, Proprietary Format	
	Huge Backup		Yes (Max. 24 hours)	
Storage	HDD	Capacity of 1 HDD	3TB	
		Internal HDDs	2 (1 with DVD-R)	
		e-SATA	Yes	
	USB	Front	1	
Rear		1		
User I/F	Input Method		Front Buttons, IR, Mouse, Keyboard Controller	
Serial port	RS-232C		Yes	
	RS-485		Yes	
Network	Interface		10/100/1000 Base-T	
	Dynamic DNS		Yes (Free DDNS)	
	Dual Encoding for Network		Yes	
Network Access	3G Mobile		iPad / iPhone / Android	
	Web Viewer		Windows (IE, Chrome, Firefox, Safari)	
	PC Client		Single / Multi Client and CMS (64 channels)	
	Remote Setup and Upgrade		Yes	
Features	Digital Zoom		Yes	
	DLS (Day Lingt Saving)		Yes	
	NTP (Network Time Protocol)		Yes	
	S.M.A.R.T		Yes	
	Internal Beep		Yes	
	Multi-Language		Yes	
	e-mail Notification		Yes	
Power	Power Supply Voltage		DC 12V 5A	
Temperature	Operation Temperature		5°C - 40°C, During storage: -10°C - +50°C	
Weight	Unit Weight (Gross weight)		4.1 Kgs(6.2 Kgs)	
Dimension	Unit Dimension (W x H x D)		380mm x 340mm x 72mm	