





Hardware

DVR Specification

Model Name		VH0424(4CH)	VH0824(8CH)	VH1624(16CH)	VH1648(16CH)
					
Compression Algorithm		Video : Vision Proprietary Codec, Audio : G723.1			
HDD & DVD Bay (*)		2 x SATA HDD & 1 x DVD	4 x SATA HDD & 1xDVD		
Operating System		Embedded Linux			
Video	Input	4 Ch	8 Ch	16 Ch	16 Ch
	Loop-Out	4 Ch (Built-in)	8 Ch (Built-in)	D-Sub(option)	16 Ch (Built-in)
Video Mode		NTSC / PAL Selectble			
Display Speed (NTSC/ PAL)		240/200 fps	240/200 fps	480/400 fps	480/400 fps
Screen Modes for Live Display		1, 4 & PIP	1, 4, 9 & PIP	1, 4,9,16 PIP	1, 4, 9, 16 & PIP
Monitor Output		Main Monitor(Composite, S-VHS & VGA) & Sopt Monitor(Composite) VGA Resolution : 640x480, 800x600, 1024x768 & 1208x1024(Selectable)			
Recording Speed (NTSC/PAL)	352x240/288(CIF)	120/100 fps	240/200 fps	240/200 fps	480/400 fps
	720x240/288(2CIF)	120/100 fps	120/100 fps	120/100 fps	240/200 fps
	720x480/576(D1)	60/50 fps	60/50 fps	60/50 fps	120/100 fps
Recording Resolution		NTSC : 352x240, 720x240, 720x480, PAL : 352x288, 720x288, 720x575			
Recording Modes		Continuous, Scheduled, Sensor-Activated & Motion Detection Recording Pre & Post Alam Recording, Emergency Recording, Quick Backup			
Playback & Search		1,4,9 & 16Ch(Multi-Channel Playback) Intelli-Search by Time Bar, Calendar(Date & Time) and Event / system Search			
Audio Input / Output		4 Ch / 1 Ch			8 Ch / 1 Ch
Alarm I/O & Camera Connection		M : N Mapping			
Alarm Input / Output		4 Ch / 4 Ch	8 Ch / 4 Ch	16 Ch / 4 Ch	16 Ch / 4 Ch
P/T/Z Control and Port		Virtual Joy-Stick Control on screen by mouse Pan / Tilt / Zoom / Focus / Iris, RS-485 Port			
LAN		10/100 Base-Tx Ethernet(RJ-45) - Fixed IP, DHCP & DDNS			
Network Transmission		Video Dual-Stream(Local recording & Network Transmission) Live Monitoring, Remote Playback and File Backup(Triplex-on-Remote) Remote & E-Mail Notification, Remote System Reboot by IE			
Video Management Software		VMS & CMS & IE			
Backup Device	Internal	DVD Burner(Optional)			
	External	USB Memory Stick & USB HDD(by USB 2.0 Port)			
System Recovery after Power Failure		Auto-Reboot and Journaling File System, Auto-Scan and Date Recovery, Water-Mark Auto Page Sequencing, Even Log Viewer, Access Control by Password			
Advanced Functions		System Upgrade by USB / Network, System & Event Log Export, Configuration Import / Export AVI File Backup, System Temperature Checking and Auto Alarm for Over-Temperature			
System Operation		Front Button, IR Remote Controller, USB Mouse, Keyboard(Optional)			
Power		12VDC/5A	12VDC/7A	12VDC/7A	100~220VAC, 50~60Hz
Storage Temperature and Humidity		-20~60° C / 20~80%RH			
Operating Temperature and Humidity		5~40° C / 20~80%RH			
Dimension (WxDxH) & Weight		350 x 265 x 64.5 (mm)	420 x 428 x 88 (mm)	420 x 428 x 88 (mm)	420 x 428 x 88 (mm)

(*) Specification is subject to change without prior notice.

3DNR & HSBLC Series HD Series

Analog camera

IP camera

DVR

Accessories