

PRODUCT SPECIFICATION

Model # VHD Series

Realtime HD-SDI Digital Video Recorder VHD Series



FEATURES

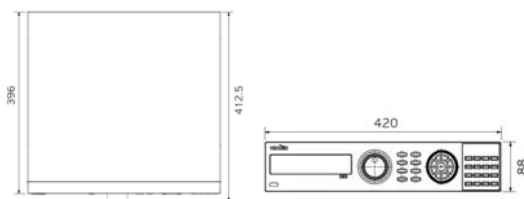
- 4Ch / 8Ch Real-time HD-SDI DVR
- Up to 240/200 fps Recording capability
- Dual-Stream with Adjustable fps and Resolution
- Gigabit LAN / e-SATA / UPnP / HD Monitoring + REC
- Smart Phone Viewer featuring Monitoring/VOD/Event Search/Popup Notification

SPECIFICATIONS

Model		VHD400 (4 Ch)	VHD800 (8 Ch)
Compression Algorithm		Video : H.264 Main Profile, Audio : ADPCM	
Internal Storage		4 x SATA HDD + 1 x ODD + 1 x e-SATA	
Operating System		Embedded Linux	
Display	Speed	120 fps	240 fps
	Screen	1, 4	1, 4, 8
Video Input	Mode	HD-SDI Input	
	SPOT-OUT	N/A	
	LOOP-OUT	N/A	
Video Output	Monitor	Main : HDMI(1), VGA(1)	
	Resolution	Full HD(1920x1080), SXGA(1280x1024), 1024x768, 800x600	
Recording Speed/Mode (NTSC/PAL)	720P	60 fps (max)	240 fps (max)
	1080P	30 fps (max)	120 fps (max)
	Mode	Continuous, Scheduled, Sensor-Activated & Motion Detection Recording, Pre & Post Alarm Recording, Emergency Recording, Quick Backup	
Playback & Search	Speed	x1, x2, x4, x8, x16, x32	
	1Ch(Full)	30fps per Ch	30fps per Ch
	4Ch (Quad)	15fps per Ch	15fps per Ch
	Mode	Intelli-Search by Time Bar, Calendar (Date&Time), Event/System Search	
Audio (Input / Output)		1 Ch / 1 Ch	8 Ch / 1 Ch
Alarm (Input / Output)		4 Ch / 1 Ch	8 Ch / 4 Ch
PTZ		Virtual Joy-Stick Control on screen by Mouse, Pan/Tilt/Zoom/Focus/Iris	
External Port / Storage		RS-485, RS-232, RJ45, e-SATA (Optional)	
LAN		Gigabit Ethernet (RJ45) – Static IP, DHCP, DDNS	
Network Functions		1) Dual-Stream (Local Recording & Network Transmission), Network Bandwidth Control (25 Kbps ~ 1 Gbps) 2) Live Monitoring, Remote Playback and Backup (Triplex-on-Remote) 3) Auto IP Detection (DHCP), Time Sync by NTP Server ("pool.ntp.org") 4) Remote & E-Mail Notification, Remote System Reboot by IE, 5) uPnP NAT Traversal (Auto Port Forwarding)	
Remote Management	S/W	CMS, RMS, MMS(Mobile Viewer), Web(IE), Mac Viewer	
	Function	Live Monitoring, Playback & System Configuration	
Backup	Device	ODD(CD/DVD), USB, Network	
	Type	SSF, AVI(CMS,RMS) – Inc. Viewer	
POS		Text-in Based (RS-232, USB to Serial support), Display POS Data on Live & Playback	
Sys Recovery after Power Failure		Auto-Reboot and Journaling File System	
Advanced Functions		1) Smartphone Event Message Pop-up Notification 2) Firmware Upgrade by USB & CMS over Network 3) Import & Export of Setting Value, Water-Mark, AVI File Backup 4) Quick Setup to designate Recording Period, Warning Alarm for System Over-Temperature 5) HDD SMART Info (Model, Capacity, Bad Sector, Temperature, Used Period) 6) Help Message for easy setup & Multi-Language support	
System Operation		Front Button, IR Remote Controller, USB Mouse, Keypad(option)	
Power		12V x 5A D/C or Higher	
Temper/ Humidity/Certification		5~40 °C / 20~80% RH / CE & FCC & MIC & WEEE, RoHS	
Dimension (WxDxH)		420x412.5x 88 (mm) , 2U	

* Specifications subject to change without prior notice.

DIMENSIONS (mm)



Panel view (Front)

