



FEATURES

- Highly efficient H.264 compression
- Built-in Data Redundancy
- Real-time recording and real-time playback
- System Setup Wizard and User Friendly GUI
- Multi-Resolution recording
- 4 Spot Output (16 Channel)
- Highly efficient and stable proprietary Database Structure
- Identical GUI for DVR and client viewer
- Built-in Point-of-Sales support
- Web clients & CMS(Central Management Software) Included
- iPhone client - Coming late 3rd quarter 2010

Detailed Specifications	VT-CN840	VT-CN1680
Video		
Video Standard	NTCS & PAL Standards; Automatic Detection	
Video Input	8 Channels, BNC	16 Channels, BNC
Video Codec	H.264	
Input Level	1.0 Vp-P Composite, 75 Ohm Balanced	
Loop-Through Output	8 Channels, BNC	16 Channels, BNC350 cd/m2
Main Video Out	BNC	
Spot video Output	4 Spot Output	
VGA Output / Resolution	15 Pins Female DSUB; 800x600, 1024x768, 1280x720, 1360x768, 1440x900, 1680x1050	
Record		
Recording Resolution	CIF, Half D1, D1	
Recording Speed	CIF: 240 PPS (NTSC) / 200 PPS (PAL) HD1: 120 PPS (NTSC) / 100 PPS (PAL) D1: 60 PPS (NTSC) / 50 PPS (PAL)	CIF: 480 PPS (NTSC) / 400 PPS (PAL) HD1: 240 PPS (NTSC) / 200 PPS (PAL) D1: 120 PPS (NTSC) / 100 PPS (PAL)
Recording Quality	Low, Standard, High, Very High	
Average Maximum File Size	TBD	
Recording Modes	Continuous, Motion, Alarm, Video Loss, Emergency, Schedule	
Search Modes	Calendar, Event, Text, "Go to Time"	
Motion Recording	16 x 16 Grid Configuration & Multilevel Sensitivity per Channel	
Alarm Recording	Normally Open, Normally Closed	
Event		
Alarm Input	8	16
Alarm Output	8	16
Pre-Event Buffer	Up to 30 Seconds	
Post-Event Recording	Up to 30 Minutes	
Emergency Record Duration	No Limit	
Event Notification	E-Mail, Callback	
Callback	Up to 10 Callback Stations	

Detailed Specifications	VT-CN840	VT-CN1680
Display		
Channel Title	16 Alphanumeric Characters	
Live Display	1, 4, 9	1, 4, 9, 13, 16
Playback Display	1, 4, 9	1, 4, 9, 13, 16
Spot Display	1 Channel Sequence, Static, Event	
Automatic Sequence Interval	1 Second to 1 Minute Interval	
	Configurable Picture-in-Picture Display	
Freeze	1, 4, 9	1, 4, 9, 13, 16
Language	English, Korean, Spanish, Slovenian, Chek, Turk, Dutch, Russian, Mandarin, Japanese, Italian, French, Cantonese, Polish, German, Portuguese	
Audio		
Audio Codec	G.723	
Audio In	1 Audio Channel Input Per Video Channel	
Audio Out	1	
Network		
Network Interface	RJ-45 @ 1Gbps	
DHCP Support	YES	
DDNS Support	YES	
Monitoring Environment	Internet Explorer Web Client, Central Management Software	
Audio Transmission	2-Way Audio Transmission	
Storage		
Hard Disk Drive	Up to 4 SATA HDDs (Without ODD)	
Optical Disk Drive	CD-RW, DVD-RW	
Data Redundancy	Built-in	
Backup		
Backup Method	CD-R, CD-RW, DVD-R, DVD+R, DVD-RW, DVD+RW, USB Flash Memory, USB External HDD, Remote Backup	
System		
Operating System	Embedded Linux	
Simultaneous Functions	Pentaplex Operation: Record, Playback, Mirror, Copy, Network Stream	
Control Devices	Front Pannel Buttons, Mouse, IR Remote Controller, Keyboard Controller	
File Compatibility	Windows based Operating System	
Serial Port	4 USB 2.0 Ports, 1 RS-232C Port, 1 RS-485 Port	

Detailed Specifications	VT-CN840	VT-CN1680
Environmental		
Power Consumption	DC 12 Volt, 6.67 Amp / 80 Watts	
Operating Temperature / Humidity	5° ~ 40° Celsius / 41° ~ 104° Fahrenheit // 0~80% Non-Condensing	
Dimensions & Weight	430 (W) x 88 (H) x 428 (D) mm / 16.93 (W) x 3.5 (H) x 16.85 (D) in.	
Certification	FCC, CE, MIC	