

4 / 8 / 16 CH H. 264 DVR

VAL 400, VAL 800 & VAL 160

TelView



VAL 400



VAL 800 & VAL 160



Features

- H.264 Main Profile Compression Technology, which save 20% or more recording size than traditional H.264 Baseline Profile codes.
- 2 USB allows to operate DVR by mouse or touch panel screen.
- Dual Stream, recording at D1 and viewing at CIF remotely.
- Watermark & Scrambling examination to verify recorded files.
- CMS (Central Management System) Supports DVR/ cameras with PTZ controls.
- PTZ/RS-485 supported
- Intelligent 3G/GPRS Mobile Surveillance: Symbian, Windows Mobile, JAVA, iPhone. Blackberry, Android.
- GUI with 32 bit True Color.
- Upgrade Firmware by USB or Network.
- SATA devices supported.
- Smaller size allows user to work efficiently and save space.

Specification

Model		VAL400	VAL800	VAL160
Camera Input		4Ch	8Ch	16Ch
Video	HDMI	N/A	1 (Option) (Video Output (1280x1024)+ Audio Output)	1 (Option) Video Output (1280 x 1024) + Audio Output
	Input	4	8	16
	Output	1 VGA (1280 x 1024) + 1 BNC for CD Monitor / 1 VGA (1280 x 1024) + 1 BNC for spot monitor		
Audio	Input	1 RCA	4 RCA	16 RCA
	Output	1 RCA	2 RCA	2 RCA
Operating System		Embedded Linux OS		
Internal HDD		Supports 1 SATA Device (HDDx1)	Supports Max. 2 SATA Devices HDDx2,HDDx1+DVDx1 or HDDx1+e-SATAx1	Supports Max. 2 SATA Device (HDDx1 + DVDx1 or HDDx2)
External HDD		N/A	1 x e-SATA	N/A
Sensor In (No, NC) Relay Out		N/A	Sensor in-x8 Relay Out x1	Sensor in-x16 Relay Out x2
Serial Interface		RS-485		
USB		2x USB 2.0		
Dimension (mm)		WS:225(W)x46(H)x240(D)	430(W)x55(H)x293(D)	430(W)x55(H)x293(D)
Weight (w/o HDD/DVD±RW)		0,85 Kg	1,85Kg	1,85 Kg
Adaptor		input 100~240V Output 12V 3A	input 100~240V Output 12V 5A	input 100 ~ 240V Output 12V 5A
Power Source		36W	60W	60W
Display	Speed	120 fps	240 fps	480 fps
	Resolution (Pixel)	720 x 480(NTSC), 720 x 576 (PAL)		
	Split Screen	1,4 SEQ	1,4,8 SEQ	1,4,9,13,16 SEQ
	Auto Channel Switching	Switching Time : 1 ~ 999 sec.		
	Mode	Zoom (Digital x2-x8), PIP, Auto SEQ		
	Compression	H.264 ASP (Internet Transmission : H.264)		
	Dual Stream Resolution (Pixel)	Main Recording Sub (Network)	740 x 480, 704 x 240, 352 x 240 (NTSC) / 704 x 576, 704 x 288, 352 x 288 (PAL) 352 x 240 (NTSC), 352 x 288 (PAL)	
Picture quality		5 Levels (Highest, High, Normal, Basic, Below Basic)		
Mode		Manual, Motion, Schedule		
Speed	NTSC	D1 120 fps (704 x 480) Hd1 120 fps (704 x 240) CIF 120 fps (352 x 240)	D1 120 fps (704 x 480) Hd1 240 fps (704 x 240) CIF 240 fps (352 x 240)	D1 120 fps (704 x 480) Hd1 120 fps (704 x 240) CIF 480 fps (352 x 240)
	PAL	D1 100 fps (704 x 576) Hd1 100 fps (704 x 288) CIF 100 fps (352 x 288)	D1 100 fps (704 x 576) Hd1 200 fps (704 x 288) CIF 200 fps (352 x 288)	D1 100 fps (704 x 576) Hd1 200 fps (704 x 288) CIF 400 fps (352 x 288)
Pre-Alarm		10 Sec.		
Post-Alarm		1 ~ 60 Sec.		
Watermark		Yes		
Playback	Display	1,4	1,4,8	1,4,8,16
	Search Mode	Date, Time, Event, Camera	Date, Time, Event, (Motion Sensor) Camera	
	Zoom	Digital (x2 ~ x8)		
	Snapshot	Yes		
	Speed	Normal, REW & FF (Recorded Speed x2,x4,x8,x16,x32,x64) frame to frame, pause		
Device		Int. HDD		
Network	Network Interface	10/100 Ethernet		
	Protocol	TCP/IP,SMTP,HTTP,DHCP,PPPoE(ADSL),NTP		
	Application	Windows XP/Vista/7/ PC Client system)		
	Remote Software	Licensed Application Software, IE Browser		
	Account	1 Admin + 4 Users		
	CMS	Unlimited (Depends on Bandwidth)		
	3G / GPRS	Symbian, Windows Mobile, Blackberry, iPhone, Androidphone		
Event Transport		E-mail		
Backup	Interface	USB 2.0 or SATA		
	Audio Backup	Yes		
	Network	Yes		
	Backup device (Optional)	Network Backup / USB Flash Drive		
Alarm	Motion detection	Detected Frames : Unlimited / Channel Sensitivity : 10 Levels for each channel Area : Programmable individually		
	Alarm Hold Time	1~ 60 Sec		
	Search (Event Criterion)	Yes		
OSD & DVR Control	Event Log	Up to 10000 events (Sensor, Motion, Video Loss, Power On, Remote Login, Logout, HDD error, HDD full)		
	GUI	16-bit true color		
	Multi language	English, Traditional Chinese,other		
	Camera Title	Multi Language		
	USB Mouse	Yes		
	Touch Panel	Touch Panel LCD Monitor (USB Interface,EETI Chipset Only)		
	Remote Controller	IR Remote Control (Max. 1 Device)	IR Remote Control (Max. 4 Device)	
	System Upgrade	Via USB / Network		
Hard Key	Front Panel			
Pan/Tilt/Zoom Control		Control From RS485 interface		

