

VS-DVR404H, DVR408H DVR416H

DIGITAL VIDEO RECORDER
HDMI High Definition Multimedia Interface



Features

- New standard for entry level DVR with high performance and competitive price
- H.264 compression algorithm ideal for standalone DVR
- 4 Channel video inputs and 4 channel audio inputs. The 1st video channel can support max D1(4CIF) realtime recording and other channels can support CIF realtime. It can support
VGA, HDMI and BNC output
- Dual encoding streams flexible for network transmission and mobile phone monitoring
- pentaplex function: live, recording, playback, backup & remote access
- Smart video detection: motion detection, camera blank, video loss
- Smart camera settings: privacy masking, camera lock, color setting and title display
- Alarm triggering screen tips, buzzer, PTZ preset, e-mail, FTP upload
- Powerful network software: built-in web server, multi-DVR client, MSS (mobile phone surveillance software) & CMS

Specifications

Model		VS-DVR40H	VS-DVR408H	VS-DVR416H
System	Main Processor	High performance embedded microprocessor		
	Operating System	Embedded LINUX		
	System Resources	Pentaplex function: live, recording, playback, backup & remote access		
	Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network		
Video	Input	4 channel, BNC(1.0Vp-p, 75 Ω)	8 channel, BNC(1.0Vp-p, 75 Ω)	16 channel, BNC(1.0Vp-p, 75 Ω)
	Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
	Output	1, BNC(1.0Vp-p, 75 Ω), 1 VGA, 1 HDMI		
Audio	Input	4 channel, BNC (200-2800mV, 30K Ω)	8 channel, BNC (200-2800mV, 30K Ω)	4 channel, BNC (200-2800mV, 30K Ω)
	Output	Channel 1 for bidirectional-talk input synchronously 1 channel, BNC(200-3000mV, 5K Ω)		
Display	Display Split	1/4	1/4/9	1/4/9/16
	Resolution	1280 × 1024, 1280 × 720, 1024 × 768, 800 × 600		
	Tour Display	Support		
	Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera		
	OSD	Camera title, time, video loss, camera lock, motion detection, recording		
Recording	Video/Audio Compression	H.264 / G.711		
	Image Resolution	D1/4CIF(704× 576/704× 480) / CIF(352× 288/352× 240) / QCIF(176× 144/176× 120)		
	Encoding Speed	Main Stream:	Main Stream:	Main Stream:
		Channel 1: D1/CIF/QCIF (1~25/30fps); Channel 2~4: CIF/QCIF (1~25/30fps), D1 (1~6fps)	Channel 1: D1/CIF/QCIF (1~25/30fps); Channel 2~8: CIF/QCIF (1~25/30fps), D1 (1~6fps)	Channel 1 & 9: D1/CIF/QCIF (1~25/30fps); Others Channel: CIF/QCIF (1~25/30fps), D1 (1~6fps)
	Bit Rate	Extra Stream: QCIF(1~25/30fps) CIF (1~6 fps)		
	Image Quality	32~2048Kb/s		
	Recording Mode	1~6 level(level 6 is the best, VBR effectively)		
	Recording Priority	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop		
	Recording Interval	Manual >Alarm >MD >Regular		
	Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.		
Video Detection & Alarm	Trigger Events	Recording, PTZ movement, Tour, Alarm, Email		
	Motion Detection	Zones: 396(22 × 18), Sensitivity: 1~6 (level 6 is highest)		
	Video loss & Camera blank	Support		
	Alarm Input	4 channel	8 channel	16 channel
	Relay Output	3 channel		
Playback & Backup	Playback Channel	1/2/4/All		
	Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)		
	Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom(any size)		
	Backup Mode	Flash drive / USB HDD / USB CD/DVD-RW / Network download		
Network	Interface	RJ-45 port (10/100M)		
	Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server		
	Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information		
Hard Disk	Hard Disk	1 SATA port, Max 2TB HDD supported		
	Space Occupation	Audio: 28.8MB/H, Video: 56~900MB/H		
	HDD Management	Hard disk hibernation technology, HDD faulty alarm		
Auxiliary Interface	USB Interface	2 ports, 1 for mouse control, 1 for backup		
	RS232	PC communication		
	RS485	PTZ control		
Environmental	Power Supply	AC 100~240 V, 50/60 Hz		
	Power Consumption	25W		
	Working Environment	-10°C~+55°C / 10~90%RH / 86~106kpa		
	Dimension	1U, 375mm × 285mm × 45mm(W × D × H)		
	Weight	2.35KG(without HDD)		

Connection

