

H.264 FULL D1 DVR HV-04RD Pro

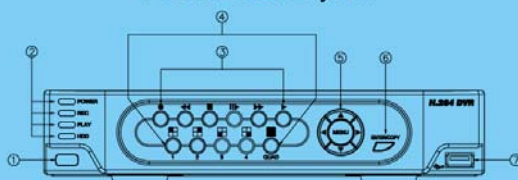


Main Features

- H.264 hardware video compression
- Recording rate up to 60 PPS @ D1
- Support each channel backup
- Support CMS (Central Management System)
- Powerful mobile surveillance function, support JAVA, blackberry, i-Phone & Windows mobile
- Audio: 4 in & 1out/ Audio Backup / Audio Streaming
- Individual recording setup & function for each channel
- Support Privacy Mask
- HDD damaged block detection & temperature alarm system (HDD S.M.A.R.T)
- Support Pre-alarm
- DVR log function (ex. user login/ logout) for device safety management
- Up to six online clients for independent remote control; individual live-time, play-back & time-search functions available

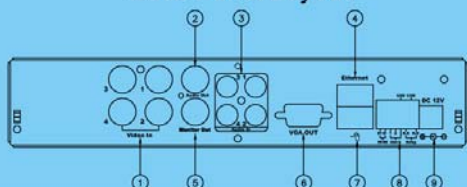
Interface

Front Panel Layout



1 IR Sensor For Remote Control	5 Direction Keys
2 LEDs	6 Enter Key
3 Function Keys	7 USB Port for Backup
4 Channel Keys	

Back Panel Layout



1 Video Input	6 VGA Output
2 Audio Out	7 USB Port for Mouse
3 Audio In	8 RS-485/ Alarm/ Relay
4 Ethernet	9 Power
5 Monitor Output	



Model No.	HV-04RD Pro	
VIDEO		
MODE	Multiplex	
IMAGE SYSTEM	NTSC	PAL
LIVE-TIME RESOLUTION	720 x 480	720 × 576
LIVE-TIME DISPLAY RATE	4 × 30 Frame / Sec	4 × 25 Frame / Sec
SPLIT SCREEN	1, 4	
VIDEO INPUT	BNC × 8	
VIDEO OUTPUT (BNC)	BNC × 1	
VIDEO OUTPUT (VGA)	Yes	
AUDIO		
AUDIO INPUT	RCA × 4	
AUDIO OUTPUT	RCA × 1	
AUDIO BACKUP	Yes	
AUDIO STREAMING	Yes	
RECORDING		
COMPRESSION TYPE	H.264	
RECORDING RATE (D1)	720 x 480 up to 60 PPS	720 x 576 up to 50 PPS
RECORDING RATE (Half D1)	720 x 240 up to 120 PPS	720 x 288 up to 100 PPS
RECORDING RATE (CIF)	360 x 240 up to 240 PPS	352 x 288 up to 200 PPS
RECORDING MODE	Manual/ Schedule/ Alarm	
PLAYBACK & SEARCH		
PLAYBACK SPEED	Fast Forward X 2 X 4 X 8 X 16 X 32 X 64 Fast Backward X 2 X 4 X 8 X 16 X 32 X 64 Frame by Frame Playback Pause	
TIME SEARCH	Yes	
EVENT SEARCH	Yes	
EVENT LIST	10000 records per H.D.D (Maximum)	
STORAGE & BACKUP DEVICE		
INTERNAL HDD SUPPORT	SATA HDD x 1	
EXTERNAL USB BACKUP DEVICE (PAN DRIVE, HDD, BURNER)	Yes	
INTERNAL DVD BURNER BACKUP	Yes	
NETWORK		
ETHERNET	Yes	
ETHERNET COMPRESSION FORMAT	H.264	
IE REMOTE CONTROL	Yes	
DDNS	Yes	
E-MAIL & FTP	Yes	
NETWORK IP	Static/ Dynamic/ PPPoE	
MULTI-REMOTE CLIENT	Yes (4 Clients at the same time available)	
PDA/ CELL PHONE SUPPORT	Yes	
ALARM		
ALARM INPUT	2 In	
ALARM OUTPUT	2 Out (NO/ NC)	
MOTION DETECTION	Yes	
MOTION DETECTION AREA	8 x 8 grids	
MOTION DETECTION SENSITIVITY	1-10	
VIDEO LOSS DETECTION	Yes	
ALARM RECORDING	Yes	
PRE-ALARM RECORDING	Yes	
BUZZER	Yes	
SETUP & OTHER FUNCTIONS		
DST	Yes	
WATER MARK	Yes	
PRIVACY MASK	Yes	
PTZ CONTROL	Yes	
RS-485	Yes	
EXTERNAL IR RECEIVER	Yes	
DIGITAL ZOOM	Yes	
PASSWORD CONTROL	Two levels, one for system and the other for HDD format	
KEY-LOCK	Yes	
MULTI-LANGUAGE	Yes	
FIRMWARE UPDATE	USB Host & Update on line	
OTHERS		
POWER INPUT	DC 12V	
DIMENSIONS (W x H x D)	218mm × 44mm × 202mm	
OPERATION TEMPERATURE	0 - 40°C	