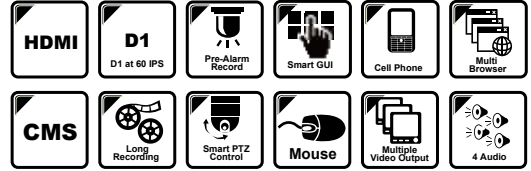


HDR-04RD Pro/HDR-08RD Pro

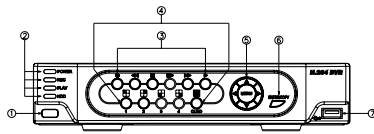
Main Features

- H.264 hardware video compression
- Recording rate up to 60 PPS @ D1
- Support HDMI video output (optional)
- Support CMS (Central Management System)
- Powerful mobile surveillance function, support 3GPP 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 Water Mark
- Support Pre-alarm
- Playback Preview Function. The user can search the desired recording data easily
- DVR log function (ex. user login/ logout) for device safety management
- Up to six online clients for independent remote control; individual live-time, playback & time-search function available



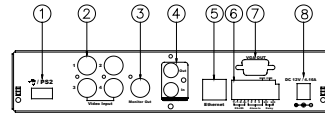
Interface

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

Specifications

Model No.	HDR-04RD Pro		HDR-08RD Pro	
VIDEO				
MODE	Triplex			
IMAGE SYSTEM	NTSC	PAL	NTSC	PAL
LIVE-TIME RESOLUTION	720 x 480	720 x 576	720 x 480	720 x 576
LIVE-TIME DISPLAY RATE	4 x 30 Frame / Sec	4 x 25 Frame / Sec	8 x 30 Frame / Sec	8 x 25 Frame / Sec
SPLIT SCREEN	1, 4		1, 4, 8	
VIDEO INPUT	BNC x 4			
VIDEO OUTPUT (BNC)	BNC x 1			
VIDEO OUPUT (HDMI)	Yes (optional)			
VIDEO OUTPUT (VGA)	Yes			
AUDIO				
AUDIO INPUT	RCA x 4			
AUDIO OUTPUT	RCA x 1			
AUDIO BACKUP	Yes			
AUDIO STREAMING	Yes			
RECORDING				
COMPRESSION TYPE	H.264			
RECORDING RESOLUTION (D1)	720 x 480 (NTSC) / 720 x 576 (PAL)			
RECORDING RESOLUTION (Half D1)	720 x 240 (NTSC) / 720 x 288 (PAL)			
RECORDING RESOLUTION (CIF)	360 x 240 (NTSC) / 360 x 288 (PAL)			
RECORDING RATE (D1)	720 x 480 up to 60 PPS	720 x 576 up to 50 PPS	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	720 x 240 up to 240 PPS	720 x 288 up to 200 PPS
RECORDING RATE (CIF)	360 x 240 up to 120 PPS	352 x 288 up to 100 PPS	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 X8 X 16 X32 X64 Picture by picture Playback Pause Fast Backward X32			
TIME SEARCH	Yes			
EVENT SEARCH	Yes			
EVENT LIST	10000 records per H.D.D (Maximum)			
OSD & CONTROL INTERFACE				
TITLE	8 Characters			
ON SCREEN DISPLAY & SETUP	Time / Date / Setup Menu			
GRAPHIC USER INTERFACE (GUI)	Yes			
DVR CONTROL PANEL	Yes			
MOUSE	Yes			
IR REMOTE CONTROLLER	Yes			
SUPPORT IE, FIREFOX & SAFARI	Yes			
PLAYER	Yes			

Model No.	HDR-04RD Pro	HDR-08RD Pro
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 (6 Clients at the same time available)	
PDA/ CELL PHONE SUPPORT	Yes	
3GPP	Yes	
ALARM		
ALARM INPUT	2 In (NO/ NC)	
ALARM OUTPUT	2 Out (NO/ NC)	
MOTION DETECTION	Yes	
MOTION DETECTION AREA	18 x 22 grids	
MOTION DETECTION SENSITIVITY	1-100	
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 (optional)	
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 (W) x 44mm (H) x 202mm (D)	
OPERATION TEMPERATURE	0 - 40 °C	

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE