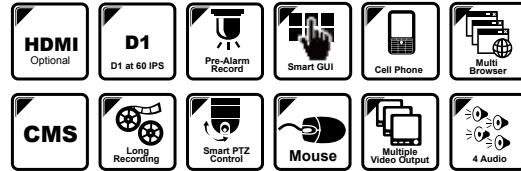


# H.264 FULL D1 STANDARD DVR

## HDR-04RP Pro/HDR-08RP Pro

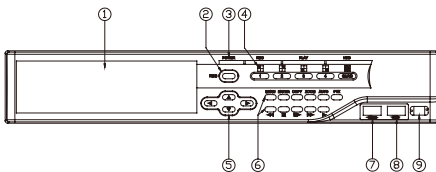
### Main Features

- H.264 hardware video compression
- Recording rate up to 60 PPS @ D1 ( NTSC )
- 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



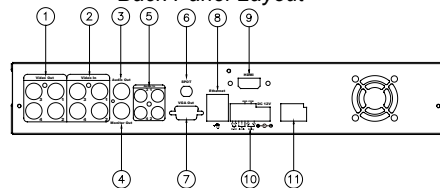
### Interface

Front Panel Layout



1 CD-RW or DVD-RW	6 Function Keys
2 REC Key	7 USB Port for Backup
3 LEDs	8 USB Port for Mouse
4 Channel Keys	9 IR Port for Remote Control
5 Direction Keys	

Back Panel Layout



1 Video Output	7 VGA Output
2 Video Input	8 Ethernet
3 Audio Output	9 HDMI
4 Monitor Output	10 Power
5 Audio Input	11
6 Spot Monitor Output	

### Specifications

Model No.	HDR-04RP Pro		HDR-08RP Pro	
<b>VIDEO</b>				
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		BNC x 8	
VIDEO OUTPUT (BNC)	BNC x 1			
VIDEO OUTPUT (HDMI)	Yes (optional)			
VIDEO OUTPUT (VGA)	Yes			
<b>AUDIO</b>				
AUDIO INPUT	RCA x 4			
AUDIO OUTPUT	RCA x 1			
AUDIO BACKUP	Yes			
AUDIO STREAMING	Yes			
<b>RECORDING</b>				
COMPRESSION TYPE	H.264			
RECORDING RESOLUTION ( D1)	720 x 480	720 x 576	720 x 480	720 x 576
RECORDING RESOLUTION ( Half D1)	720 x 240	720 x 288	720 x 240	720 x 288
RECORDING RESOLUTION (CIF)	360 x 240	360 x 288	360 x 240	360 x 288
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	360 x 288 up to 100 PPS	360 x 240 up to 240 PPS	360 x 288 up to 200 PPS
RECORDING MODE	Manual / Schedule / Alarm			
<b>PLAYBACK &amp; SEARCH</b>				
PLAYBACK SPEED	Fast Forward X2 X8 X16 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)			
<b>OSD &amp; CONTROL INTERFACE</b>				
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			

Model No.	HDR-04RP Pro	HDR-08RP Pro
<b>OSD &amp; CONTROL INTERFACE</b>		
SUPPORT IE, FIREFOX & SAFARI	Yes	
PLAYER	Yes	
<b>STORAGE &amp; BACKUP DEVICE</b>		
INTERNAL HDD SUPPORT	SATA HDD x 2	
EXTERNAL USB BACKUP DEVICE (PAN DRIVE, HDD, BURNER)	Yes	
INTERNAL DVD BURNER BACKUP	Yes	
<b>NETWORK</b>		
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	
<b>ALARM</b>		
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	
<b>SETUP &amp; OTHER FUNCTIONS</b>		
DAYLIGHT SAVING TIME	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	
<b>OTHERS</b>		
POWER INPUT	DC 12V	
DIMENSIONS (W x H x D)	370mmx60mmx311mm	
OPERATION TEMPERATURE	0 - 40 °C	