

HRDP H.264 DVR Series

www.honeywellvideo.com

240/200 (NTSC/PAL) IPS 16 & 8 CHANNEL, 120/100 IPS 4 CHANNEL - EMBEDDED DIGITAL VIDEO RECORDER

The HRDP H.264 digital video recorder (DVR) offers clear crisp video using H.264 video compression and a high image per second recording rate. HRDP supports a feature set comparable to many high-end embedded DVRs but at a much lower price!

Recording at a rate of up to 240/200 ips NTSC/PAL, the HRDP supports high-end recording capabilities such as a Remote-View (app for Apple iPhone®) for remote access of live video, a user-friendly front panel control, mouse operation, IR remote control, wizards for fast and easy DVR setup, graphical search engines to find evidence video quickly, an internal DVD-RW and two USB ports for copying evidence video to portable media. HRDP supports continuous, event, and combined continuous/event recording and is configurable per channel. When it detects motion, HRDP can automatically boost the recording rate to capture additional detail of the scene in motion. When saving video clips to portable media, a viewer executable is included with each clip, which eliminates the need to install a viewer separately on the evidence viewing PC. E-mail notification can be set up to alert the system administrator of DVR status conditions and site status upon detection of motion or in the event of sensor activity.

In addition to the Remote-View (iPhone app) described above, HRDP can be remotely accessed by system administrators and other DVR clients using a PC via web browser or via the powerful Remote Software included with each unit. The Remote Software advanced feature set allows the administrator to configure, update, and operate the DVR from a central location. Remote DVR configuration and downloading software updates from a central site saves time and money by reducing the need for periodic site visits. System operators can have individual privileges enabled or denied for functions such as live view, playback, backup, and PTZ control. Once the evidence video is found, the user can save video clips to the PC and/or portable media such as a USB stick using Remote Software.

Market Opportunities

HRDP offers an advanced feature set and low pricing. It is ideal for a wide variety of surveillance applications including small to medium-sized retail, financial, warehouse, and educational facilities. HRDP is well suited to support applications requiring high image per second recording upon detecting motion and sensor activation or for capturing maximum detail of activity through building entrances and exits.

For virtually any surveillance application, the powerful search engines can be used to quickly identify sources of theft and its viewer executable makes it easy to hand over video evidence to others for viewing on a PC.

Features

- 4, 8 or 16 looping video inputs
- 4 audio inputs, 1 audio output
- Continuous recording during playback and transmitting to remote site
- Mouse (not included) control via front panel
- Built-in DVD-RW and two USB 2.0 ports
- Remote-View (iPhone app) for remote access of live video
- Remote access through web browser and/or Remote Software, LAN/WAN (internal NIC), and DSL (remote access software included)
- Records up to 240/200 images per second NTSC/PAL
- PTZ dome control for a wide variety of protocols
- Self-diagnostics with automatic notification including hard disk drive S.M.A.R.T. protocol
- Infrared remote control included
- Embedded Linux OS — OS embedded in flash



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SPECIFICATIONS

Remote Access	
Sessions maximum per HRDP recorder	4 simultaneous connections
Administration, configuration, live view, search	1 session
Users viewing live video and retrieving video	2 sessions
Above with PTZ control	1 at time controlling PTZ
Remote Software Compatibility	Microsoft Windows XP, Vista, Windows 7; See HRDP User Guide for additional detail.
Remote-View (iPhone app)	Supported Apple® Models: <ul style="list-style-type: none"> • Apple iPhone 3G, 3GS, 4 • Apple iPod touch 3GS, 4 • Apple iPad 1
Recorder Unit	
Video Standard	NTSC or PAL (Auto Detect)
Video Display Format	480 ips (NTSC) 400 ips (PAL)
Color Control	Brightness, contrast and color
Recording and Transmission Compression Algorithm	H.264
Record Mode	(FIFO) Continuous buffer
Recording Capacity	Hard drive capacities up to 4 TB, see ordering section for details
Recording Rate (Global)	Up to 240/200 ips (NTSC/PAL)
Video Resolution Settings	CIF: 352 x 240 (NTSC) or 352 x 288 (PAL) 2CIF: 702 x 240 (NTSC) or 704 x 288 (PAL) 4CIF: 704 x 480 (NTSC) or 704 x 576 (PAL)
Video Motion Detection	Configurable zone detection area and sensitivity
Event Recording and Reporting	Input via – alarm input contacts, and motion. Reporting via alarm output contacts, e-mail notification
Removable Media	Built-in DVD-RW option and two USB ports
Still Image	JPEG file format using RAS
Front Panel Control	Intuitive operation supports IR remote control
NTP Client	Synchronize timing to NTP servers
DHCP Enabled	DHCP or manual IP entry
Port number Setup	Individual entries for remote port and web port
PTZ Protocols Support	Support for up to 60 PTZ protocols
Language Support	English, French, German, Dutch, Spanish, Portuguese, Italian

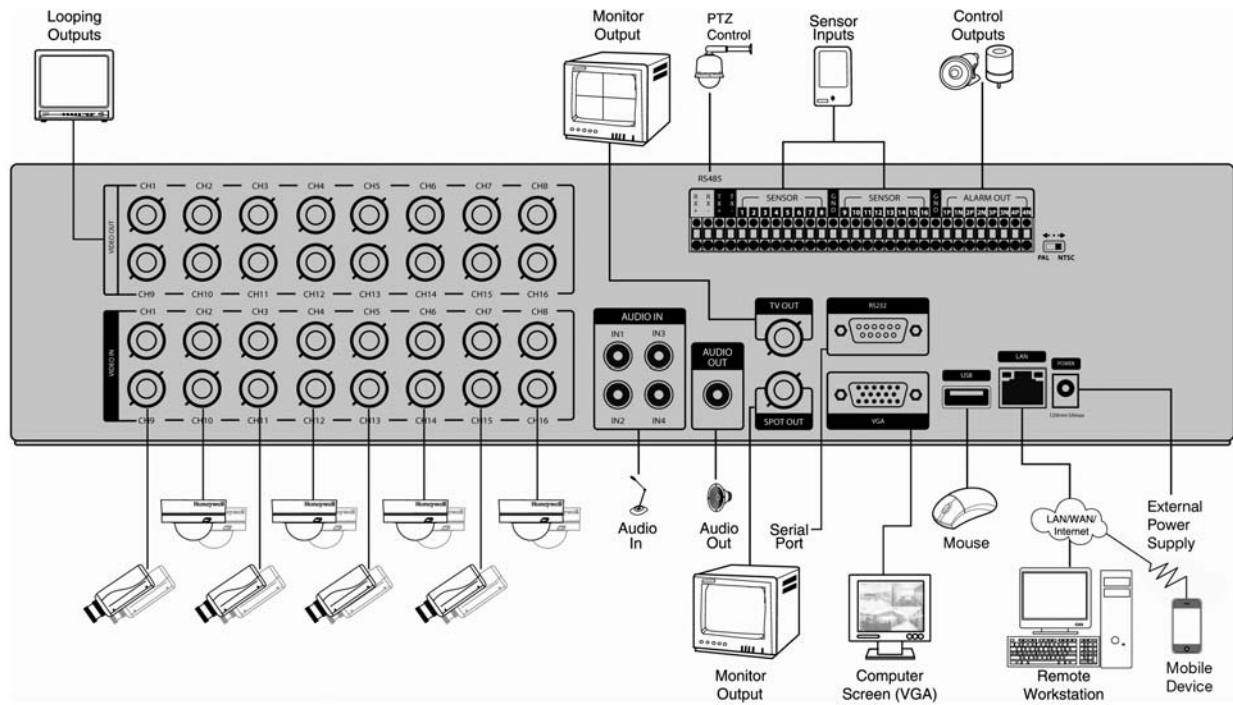
Connections	
Video Input	4, 8, or 16 (Looping), BNC 1 Vp-p @ 75 Ohms, Auto Terminating
Video Output	MAIN-OUT (BNC & VGA) and SPOT-OUT (BNC)
Audio Input/Output	4 CH RCA Audio in / 1 CH RCA Audio out
Sensor Inputs General Purpose	4, 8, or 16 sensor inputs (NO/NC selectable)
Control Outputs	4 Control/Relay Outputs
Serial Ports	1 - RS232, 2 - USB (2.0), 1 - RS485
Internal Storage	SATA HDD
Networking	10/100 NIC Onboard (TCP/IP, DHCP, DDNS)
Electrical	
Input Voltage	12 VDC, 5 A
Power Consumption	60 W
Mechanical	
Dimensions (W x H x D)	15.75" x 3.5" x 15.75" (400 mm x 88 mm x 400 mm)
Weight	Unit: 16 lbs (7.2kg) Shipping: 24 lbs (10.9 kg)
Construction	Housing: Steel chassis Finish: Black matte paint
Environmental	
Temperature	Operating: 0°C to 40°C (32°F to 104°F) Storage: 0°C to 40°C (32°F to 104°F)
Relative Humidity	0% - 90%, non-condensing
Regulatory	
Safety	IEC 60950-1:2005 2 Edition
Emissions	EN55022:2006 (Class B) FCC Part 15:2009, Subpart B, Class B
Immunity	EN50130-4:1995/A1:1998/A2:2003

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SYSTEM DRAWING



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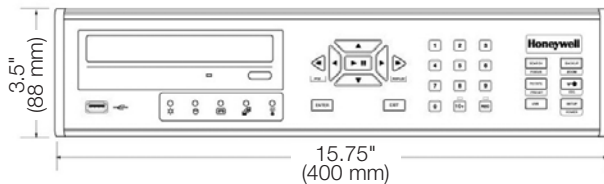
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ACCESSORIES, DIMENSIONS, ORDERING

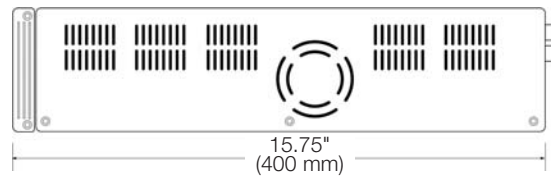
Recommended Accessories	
HRDP DVR	
HRDPRC	Spare IR remote control
HRDPRMKT	Spare 19-inch rack mount kit
Monitors*	
HMLCD17L	17" L-Series Color LCD Monitor (VGA)

* See Honeywell's full line of monitors and cameras at www.honeywellvideo.com

Recommended Accessories, Cont.	
Cameras*	
HB73	IR Bullet, super high resolution True Day/Night
HD73	Mini-dome, super high resolution day/night
HD3CHS	Mini-dome, super high resolution day/night vandal resistant
ACUIX™	High-performance PTZ camera
Surge Protection	
HCSP1	Camera surge protector
HDSP1	PTZ dome surge protector



Front View



Side View

Ordering

HRDP16 D 1T0 X

Signal Format

X PAL
NTSC

Storage 4T0 = 4 TB Fixed HDD**
2T0 = 2 TB*
1T0 = 1 TB
50 = 500 GB

DVD-RW D = Internal DVD-RW

Model

HRDP16 16 channel DVR
HRDP8 8 channel DVR
HRDP4 4 channel DVR

* Only available with 8 & 16 channel

** Only available with 16 channel

Honeywell Security Group

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