

HREP2 DVR

400pps 16 Channel and
200pps 8 Channel - Embedded Digital Video Recorder

The HREP2 digital video recorder (DVR) offers clear crisp video using H.264 video compression and supports a high-end feature set that exceeds the needs of many surveillance applications at a very economical price.

Recording at a rate of up to 400pps at 960H resolution (PAL), the HREP2 DVR supports a wide variety of capabilities such as mouse operation, IR remote control, and multiple search engines (e.g. thumbnail method) to quickly find video evidence. It supports HDMI/VGA main video outputs and video evidence files can be loaded onto CD, DVD, or USB media easily with an internal DVD burner and 3 USB ports. When saving video clips to portable media, a viewer executable is included with each clip. This eliminates the need to install a viewer separately on the evidence viewing PC. HREP2 supports continuous and event recording and is configurable per channel. HREP2 can also be configured to record upon detection of motion within a user-specified area, under camera surveillance. Recording upon detection of motion can be used to maximise storage efficiency.

HREP2 can be remotely accessed by system administrators and other DVR clients using a PC via Web browser and via iOS and Android mobile devices. System operators can have access privileges enabled or denied for functions such as Set-up, PTZ, Search, Archive, and Remote Access. Once the video evidence is found, the user can save video clips to the PC and / or to portable media such as a USB stick.

Market Opportunities

Supporting an advanced feature set and low pricing, HREP2 is an ideal DVR for a wide variety of surveillance applications including small to medium size retail outlets, apartment buildings, warehouse, and educational facilities. HREP2 is well suited to support applications requiring clear video playback for capturing maximum detail of activity through building entrances and exits.

Web browser remote access opens up many new application possibilities for the HREP2 DVR. Business owners can monitor their businesses from virtually any location using a PC with a Web browser and Internet access.

For most surveillance applications HREP2's powerful search engine can be used to quickly identify evidence of theft and its viewer executable makes it easy to hand-over video evidence to others for viewing on a PC.

Features

- 8 or 16 video inputs
- 4 audio inputs, 1 audio output
- Continuous recording during playback and during transmitting to remote site
- Mouse (not included) control via front panel
- Built-in DVD burner and 3 USB 2.0 ports
- Records up to 400 images per second at 960H res (PAL)
- HDMI video output
- PTZ dome control for a wide variety of protocols
- Remote access through web browser, LAN/WAN (internal NIC) and DSL and thru iOS & Android devices
- Self-diagnostics including hard disk drive S.M.A.R.T. monitoring
- Infrared Remote Control included
- Embedded Linux OS — OS embedded in flash



HREP2 DVR

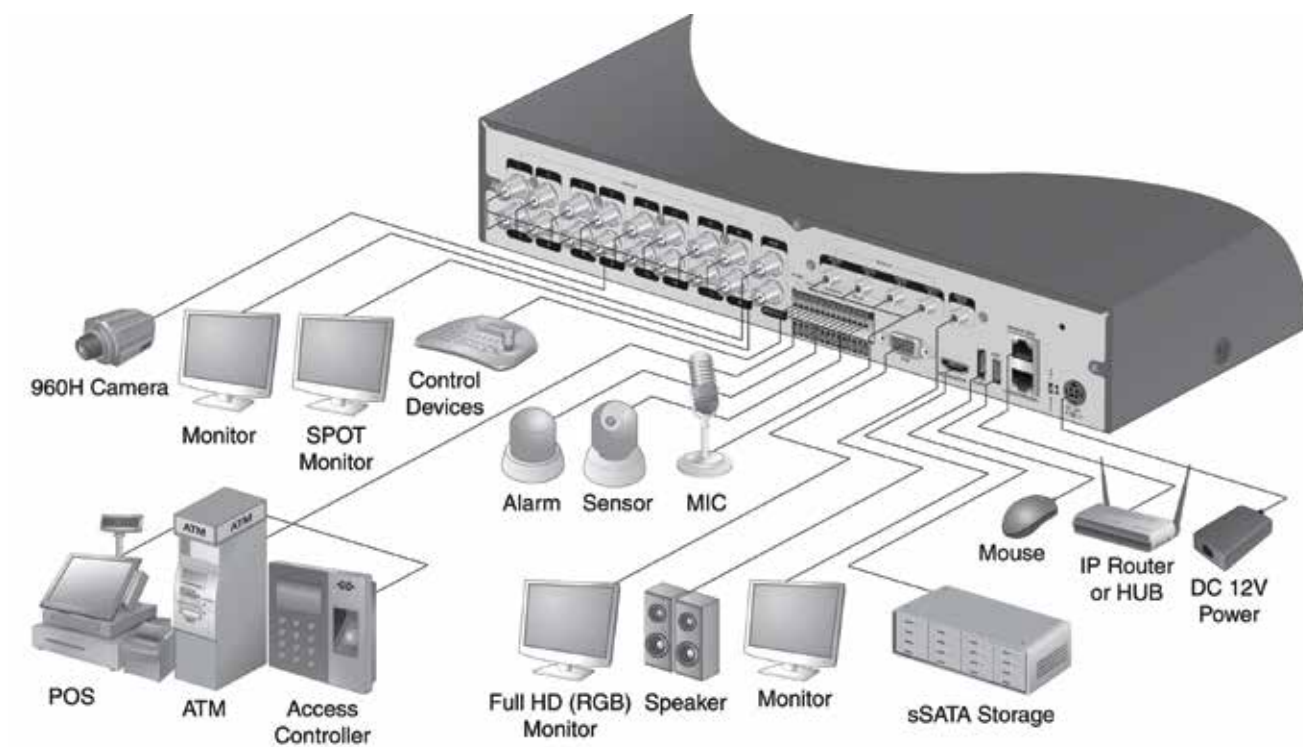
SPECIFICATIONS

Remote Access	
Sessions Maximum per HREP2 recorder	10 simultaneous connections
Administration; configuration, live view, search	10 sessions
Users Viewing Live Video and retrieving video	10 sessions
Above with PTZ control	One at a time controlling PTZ
Compatibility	Microsoft Windows XP, Windows Vista and Windows 7; Mac OS 10.4 or later Web browsers: Internet Explorer, Safari, Firefox, Chrome Mobile apps; iOS, Android
Recorder Unit	
Video Standard	NTSC or PAL switch selectable
Colour Control	Brightness, contrast, tint and colour
Recording and Transmission Compression Algorithm	H.264
Record Mode	(FIFO) Continuous buffer
Recording Capacity	Hard Drive capacities up to 4TB, see ordering section for details
Recording Rate @ D1/960H	(Global) Up to 480/400 ips (NTSC/PAL)
Video Resolution Settings	CIF: 352 x 240 (NTSC) or 352x288 (PAL) 2CIF: 704x240 (NTSC) or 704x288 (PAL) 4CIF: 704x480 (NTSC) or 704 x 576 (PAL) 960H: 960x480 (NTSC) or 960x576 (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
Removable Media	Built-in DVD-RW and 3 – USB ports
Still Image	JPEG file using Remote Access
Front Panel Control	Intuitive operation supports IR Remote Control and mouse
DHCP Enabled	DHCP or Static IP entry
Port number set-up	Individual entries for remote port and web port
PTZ Protocols Support	Support for up to 20 PTZ protocols
Language Support	English, Spanish, German, Dutch, Italian, French, Czech, Polish, Russian, Chinese, Korean,

Connections	
Video Input	8/16, BNC 1 Vp-p @ 75 Ohms, Auto
Video Output	1 – VGA Main Monitor (up to 1280x1024 res.) 1 – HDMI Main Monitor (up to 1920x1080 res.) 1 – Spot BNC 1 Vp-p @ 75 Ohms 1 – Aux BNC 1 Vp-p @ 75 Ohms
Audio Input/Output	Input: 4 Channel, Line level, 10kohm, 1Vp-p Output: 1 Channel, Line level, 10kohm, 1Vp-p
Alarm Input/Output General Purpose	4 – alarm inputs with common ground 2 – relay output; NC/NO terminal block
Serial Ports	2 – USB (2.0) ports via front panel 1 – USB (2.0) port via back panel 1 – RS485 terminal block 1 – RS232 terminal block
Primary Storage	1 SATA HDD
Networking	2xGigabit Ethernet (RJ-45)
Electrical	
Input Voltage	Power Adapter; 100 ~ 240V, 50/60Hz, 1.5A (typical)
Power Consumption	50 Watts
Mechanical	
Dimensions (W x H x D)	362 mm x 67 mm x 413 mm
Weight	Unit: 4.4Kg Shipping: 6.7Kg
Construction	Housing: Steel chassis
Environmental	
Temperature	Operating: 0°C to 40°C Storage: -40°C to +70°C
Relative Humidity	0% - 90%, non-condensing
Regulatory	
Emissions	CE : EN55022 CLASS A FCC: Part 15 Subpart B CLASS A
Immunity	EN 55022: 2010 EN 61000-3-2: 2006 + A1: 2009 + A2: 2009 EN 61000-3-3: 2008 EN50130-4 EN 60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011
Safety	CSA, UL 60950-1

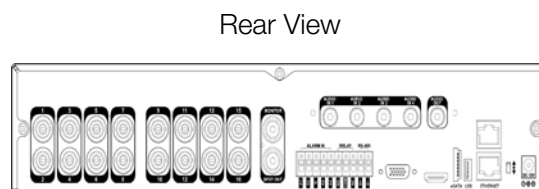
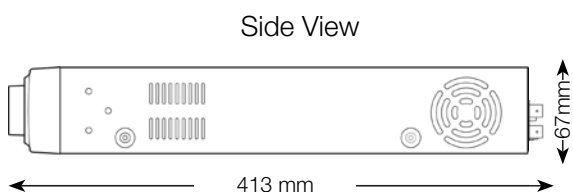
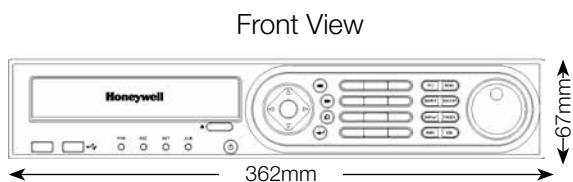
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SYSTEM DRAWING AND DIMENSIONS



Dimensions

(example shown is 16 ch DVR)

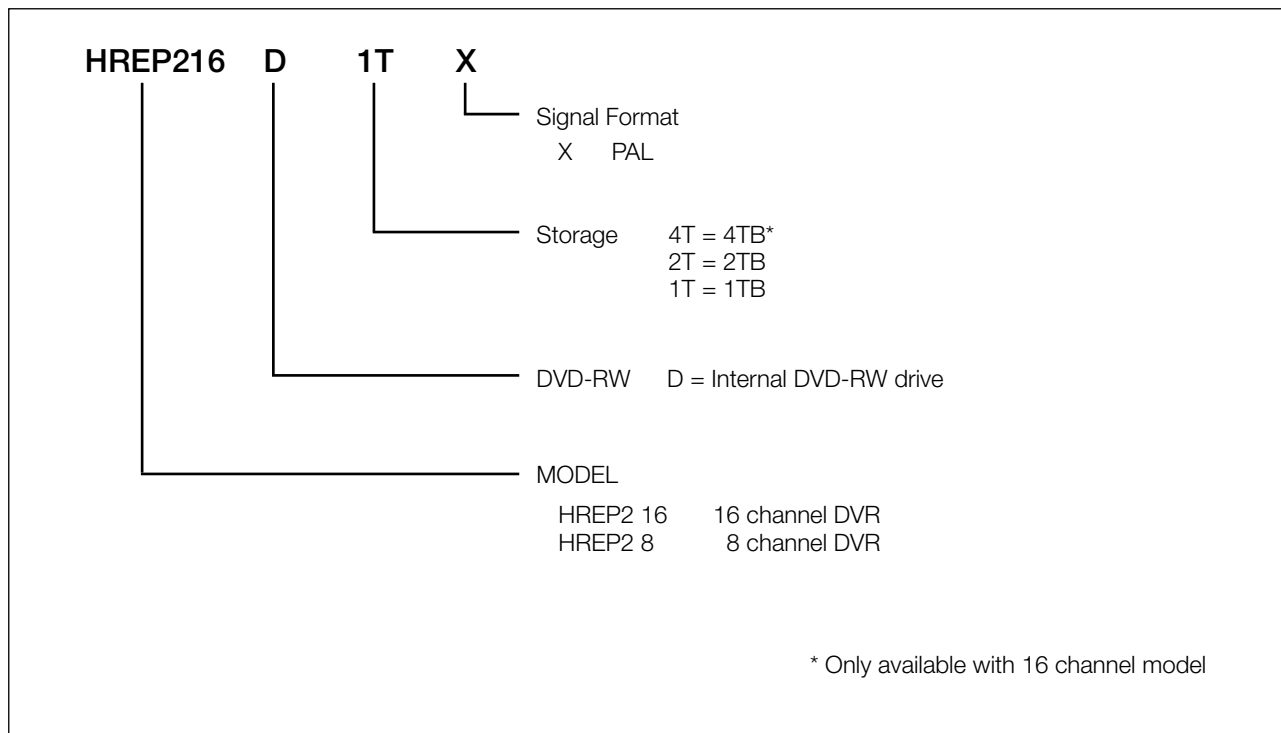


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ACCESSORIES AND ORDERING

Recommended Accessories		Cameras	
HREP2 DVR		HB73X	IR Bullet, super high resolution true day/night
HREP2RMKT	Spare 19-inch rack mount kit	HD73PX	Mini Dome, super high resolution day/night, vandal resistant
Monitors		HD3HRSX	Mini Dome, super high resolution day/night
HMLCD17LX	17" L-Series colour LCD monitor (VGA)	ACUIX™	High-performance PTZ cameras
HMLCD19LX	19" L-Series colour LCD monitor (VGA)		

See Honeywell's full line of monitors and cameras at:
www.honeywell.com/security/uk



Note: Honeywell reserves the right, without notification, to make changes in product design or specifications.

For additional information,

please visit www.honeywell.com/security/uk

Honeywell Security Group

Aston Fields Road
Whitehouse Industrial Estate
Runcorn
Cheshire
WA7 3DL

Tel: 08448 000 235

www.honeywell.com

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