

HRDPX16 DVR

www.honeywellvideo.com

480/400 (NTSC/PAL) IPS 16-CHANNEL EMBEDDED DIGITAL VIDEO RECORDER

The HRDPX16 Performance Series DVR offers a high ips recording rate combined with a feature set comparable to many high-end embedded DVRs—but at a much lower price!

HRDPX16 supports continuous, event, and combined continuous/event recording and is configurable per channel. Upon detection of motion, HRDPX can automatically boost the ips recording rate to capture additional details of the scene. In addition to recording at a rate of up to 480/400 ips NTSC/PAL, HRDPX16 supports high-end capabilities such as user-friendly front panel control, mouse operation, IR remote control, a Setup Wizard for fast and easy DVR setup, Express Search to quickly find the evidence video, an internal DVD-RW and two USB ports for copying evidence video to portable media. Once evidence video is located, the user can save video clips to the PC and/or to portable media such as a USB stick using Remote Software, and a viewer executable is included with each clip that eliminates the need to install a viewer separately on the PC used to view the clip.

HRDPX16 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 advanced feature set of the Remote Software allows the administrator to configure, update, and operate the DVR from a central location. The ability to configure the unit remotely and download 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. E-mail notification can be set up to alert a system administrator of DVR operational status conditions and site status notifications upon detection of motion or in the event of sensor activity.

Market Opportunities

Supporting an advanced feature set and low pricing, HRDPX16 is ideal for a wide variety of surveillance applications including government, retail, financial, warehouse, and educational facilities. HRDPX16 is well suited to support applications requiring high image per second recording such as law enforcement installations and capturing maximum detail for building entrances and exits.

In addition to Remote Software, remote access using the web browser opens up many new application possibilities for HRDPX16. Business owners on the move in today's highly mobile society can check in on their businesses from virtually any location using a PC with a web browser and Internet access.

Features

- 16 looping video inputs
- 16 audio inputs, 1 audio output
- Continuous recording during playback and during transmitting to remote site
- Mouse control via front panel
- Built-in DVD-RW drive and two USB 2.0 ports
- Records up to 480/400 images per second NTSC/PAL
- PTZ dome control for a wide variety of protocols
- Remote access through web browser and/or Remote Software, LAN/WAN (internal NIC), and DSL (remote access software included)
- 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



HRDPX16 DVR

SPECIFICATIONS

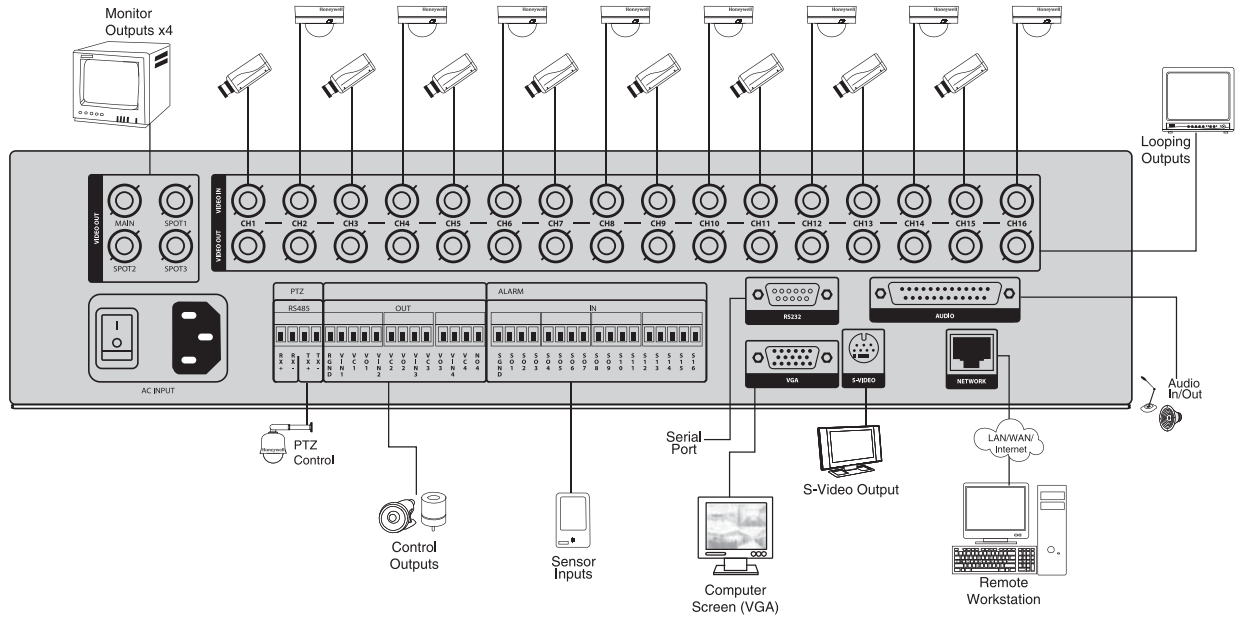
Remote Software	
Sessions Maximum per HRDPX16 Recorder	4 simultaneous connections
Administration; Configuration, Live View, Search	1 session
Users Viewing Live Video and Retrieving Video	4 sessions
Above with PTZ Control	1 at time controlling PTZ
Compatibility	Microsoft Windows XP or Vista; See HRDPX16 User Guide for additional details. Doc. 800-04765
Recorder Unit	
Video Standard	NTSC or PAL
Color Control	Brightness, contrast, saturation and hue
Recording and Transmission Compression Algorithm	Enhanced MPEG-4
Record Mode	(FIFO) Continuous buffer
Recording Capacity	Hard drive capacities up to 2 TB, see ordering section for details
Recording Rate (Global)	Up to 480/400 ips (NTSC/PAL)
Video Resolution Settings	CIF: 352x240 (NTSC) or 352x288 (PAL) 2CIF: 704x240 (NTSC) or 704x288 (PAL) 4CIF: 704x480 (NTSC) or 704x576 (PAL)
Video Motion Detection	Configurable zone detection area and sensitivity
Event Recording and Reporting	Input via sensor i/p contacts and motion. Reporting via control o/p 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 and mouse
DHCP Enabled	DHCP or static 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, Spanish, German, Italian, French, Portuguese, Russian, Korean

Connections	
Video Input	16 – Looping BNC, 1 Vp-p @ 75 ohms, Auto-terminating
Video Output	1 – Composite Main Monitor, BNC 1 Vp-p @ 75 Ohms 1 – VGA Main Monitor 1 – SVideo Main Monitor 3 – Spot BNC 1 Vp-p @ 75 Ohms
Audio Input/Output	Input: 16 Channel, Line level Output: 1 Channel, Line level
Sensor Inputs General Purpose	16 NO/NC settable 24 VDC, 1 A maximum input
Control Outputs	4 – NC or NO, 24 VAC/DC, 1 A
Serial Ports	1 – RS232-C DB9 (P) 2 – USB (2.0) ports 1 – RS485 port
Primary Storage	Up to two internal HDD
Networking	10/100 base Ethernet (RJ-45)
Electrical	
Input Voltage	110 ~ 230 VAC, 1.75 ~ 0.85A, 47-63 Hz
Power Consumption	153 W
Mechanical	
Dimensions (W x H x D)	15.75" x 15.75" x 3.5" 400 mm x 400 mm x 88 mm
Weight	Unit: 18 lb (8.2 Kg) Shipping: 22 lbs (10 Kg)
Construction	Housing: Steel chassis Finish: Black matte paint
Environmental	
Temperature	Operating: 32°F to 104°F (0°C to 40°C) Storage: 32°F to +104°F (0°C to +40°C)
Relative Humidity	0% - 90%, non-condensing
Regulatory	
Emissions	FCC: Part 15B , EN55022:1998+A1:2000+A2:2006 Class B
Immunity	EN50130-4:1995+A1:1998+A2:2003
Safety	UL/CUL UL 60950-1 First Ed., CSA 22.2 No 60950-1, First Ed., IEC 60950-1, First Ed.

HRDPX16 DVR

www.honeywellvideo.com

SYSTEM DRAWING

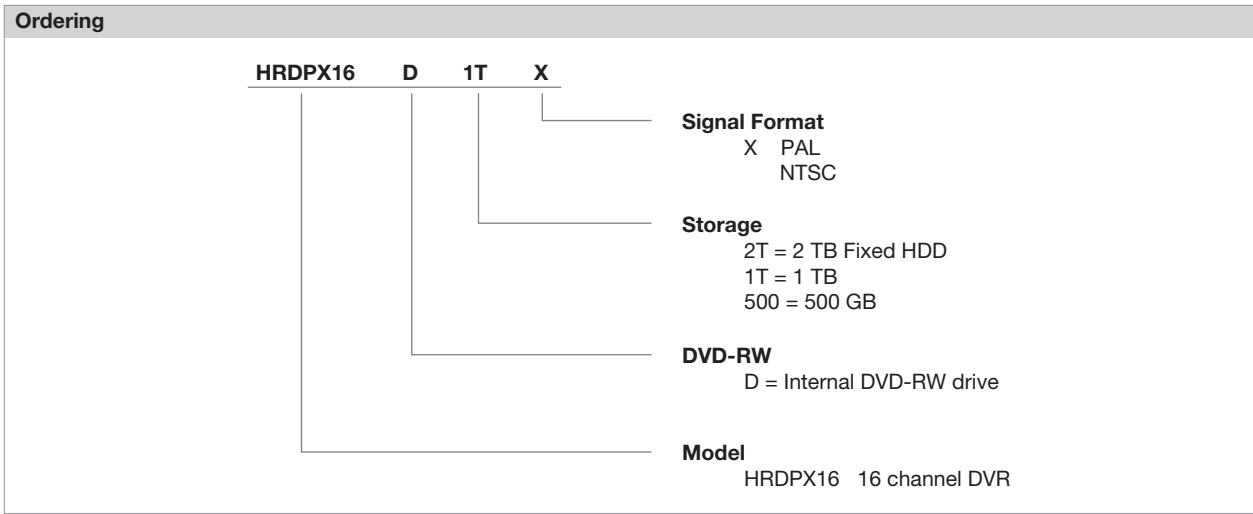
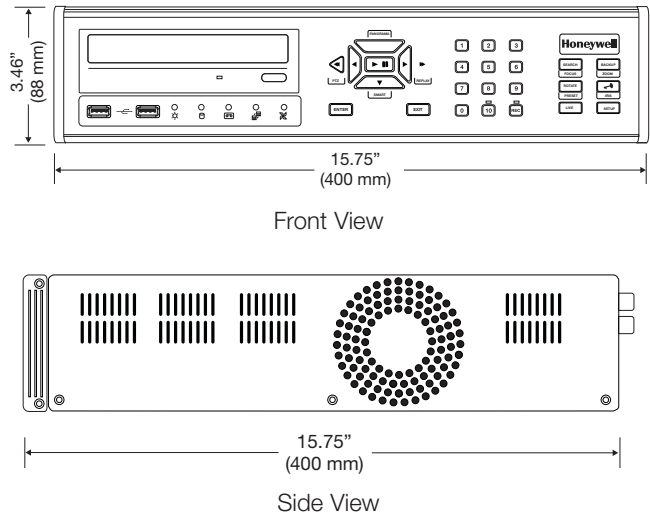


HRDPX16 DVR

www.honeywellvideo.com

ACCESSORIES AND ORDERING

Recommended Accessories	
HRDPX DVR	
HRDPRC	Spare IR remote control
HRDPRMKT	Spare 19-inch rack mount kit
Monitors	
HMC14HR	14" color CRT monitor
HMLCD19e2	19" e-Series color LCD monitor (VGA)
HMLCD17L	17" L-Series color LCD monitor (VGA)
Cameras	
HB73	IR bullet, super high resolution True Day/Night
HD73	Mini-dome, super high resolution day/night
HD3CH	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



Honeywell Security
 Honeywell
 2700 Blankenbaker Pkwy, Suite 150
 Louisville, KY 40299
 1.800.796.CCTV (2288)
 www.honeywell.com

L/HRDPX16D/D
 September 2009
 © 2009 Honeywell International Inc.