

## HRDP4F DVR

### 4 CHANNEL EMBEDDED DIGITAL VIDEO RECORDER

The Performance Series HRDP4F digital video recorder (DVR) offers a feature set comparable to many high-end embedded DVRs but at a much lower price!

Recording at a rate of up to 120/100 images per second (ips) NTSC/PAL, HRDP4F supports high-end recording capabilities such as a user-friendly front panel, Record Setup Wizard, express search, and 2 USB ports for copying video evidence to portable media. HRDP4F supports continuous, event, and combined continuous/event recording and is configurable per channel. Upon detection of motion, HRDP4F can automatically boost the ips recording rate to capture additional detail of the scene under 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 computer used for evidence viewing. E-mail notification can be set up to alert DVR status conditions such as video loss, upon detection of motion, or in the event of sensor activity.

HRDP4F 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 HRDP4F DVR. 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.

#### Market Opportunities

Supporting an advanced feature set and low pricing, the HRDP4F is an ideal DVR for a wide variety of surveillance applications including small to medium-sized retail, apartment buildings, service shops, and warehouse facilities. Web browser remote access in addition to Remote Software opens up many new application possibilities for HRDP4F. Business owners on-the-move in this highly mobile society can use a PC with a Web browser and Internet access to check-in on their businesses from virtually any location.

#### Features

- 4 video inputs
- Continues recording during playback and during transmitting to remote site
- 2 USB 2.0 ports
- Records up to 120/100 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
- Remote access through web browser and/or Remote Software, LAN/WAN (internal NIC), and DSL (remote access software included)
- Multiple search engines (date/time, event, first, last)
- Robust MPEG-4 video compression
- Infrared remote control included
- Embedded Linux OS — OS embedded in flash
- 4 audio inputs, 1 audio output



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## SPECIFICATIONS

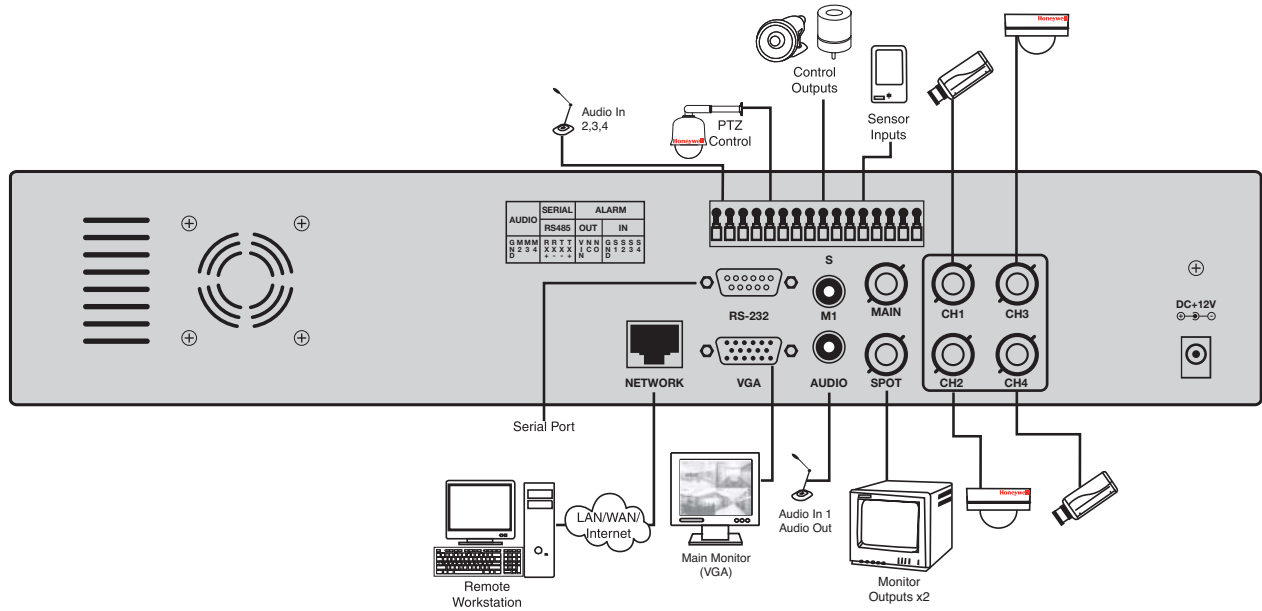
Remote Software	
Sessions Maximum per HRDP4F recorder	4 simultaneous connections
Administration; configuration, live view, search	1 session
Users viewing live video and retrieving video	2 sessions
Above with PTZ control	1 at time controlling PTZ
Compatibility	Microsoft Windows XP or Vista; See HRDP4F User Guide for additional detail.
Recorder Unit	
Video Standard	NTSC or PAL
Color Control	Brightness, contrast, saturation and hue
Recording and Transmission Compression Algorithm	MPEG-4
Record Mode	(FIFO) Continuous buffer
Recording Capacity	250 GB; see ordering section for details
Recording Rate (Global)	120/100 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 – alarm i/p contacts, and motion. Reporting via alarm o/p contacts, e-mail notification
Removable Media	Two USB ports
Still Image	JPG file format using RAS
Front Panel Control	Intuitive operation supports IR remote control
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, French, Italian, Spanish, Portuguese, German, Korean, and Russian

Connections	
Video Input	4 – BNC 1 Vp-p @ 75 Ohms
Video Output	1 – Composite, BNC 1 Vp-p @ 75 Ohms 1 – VGA 1 – Spot BNC 1.0 – Vp-p @ 75 Ohms
Audio Input/Output	Input: 4 Channel, Line Level (1-RCA, 3-terminal) Output: 1 Channel, Line Level
Sensor Inputs General Purpose	4 – NO/NC settable 24 VDC, 1A maximum input
Control Outputs	1 – NC or NO, 24 VAC/DC, 1 A
Serial Ports	1 – RS232-C DB9 (P) 2 – USB (2.0) 1 – RS485 port
Primary Storage	1 – Internal HDD
Networking	10/100 base Ethernet (RJ-45)
Electrical	
Input Voltage	Power adapter (external), Input voltage range: 100 – 240 VAC 50Hz/60Hz, input current: 1.7A max
Power Consumption with 250 GB HD	Max: 38 Watts Inrush: 26 Watts Nominal: 16 Watts
Mechanical	
Dimensions (W x H x D)	13.78"(W) x 10.16"(D) x 2.75"(H) 350.01 mm x 258.06 mm x 69.85 mm
Weight	Unit: 11 lbs (5 kg) Shipping: 13 lbs (5.9 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, EN 55022:2006 + A1:2007
Immunity	EN 55024:1998 w/ A1:2001 and A2: 2003
Safety	UL/CUL UL 60950-1, First Ed., CSA C22.2 No. 60950-1, First ed., IEC 60950-1, First Ed.

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## SYSTEM DRAWING



# HRDP4F DVR Series

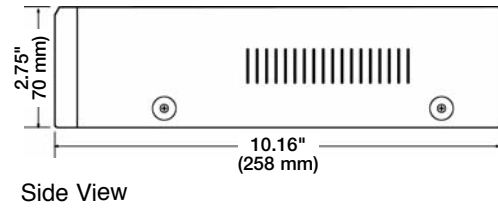
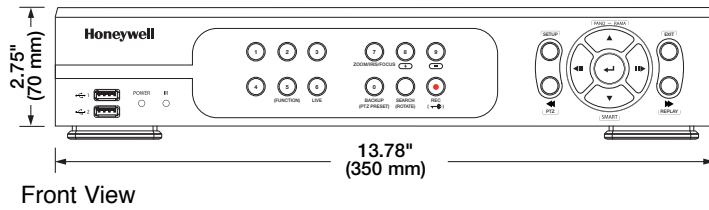
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## ACCESSORIES, DIMENSIONS, ORDERING

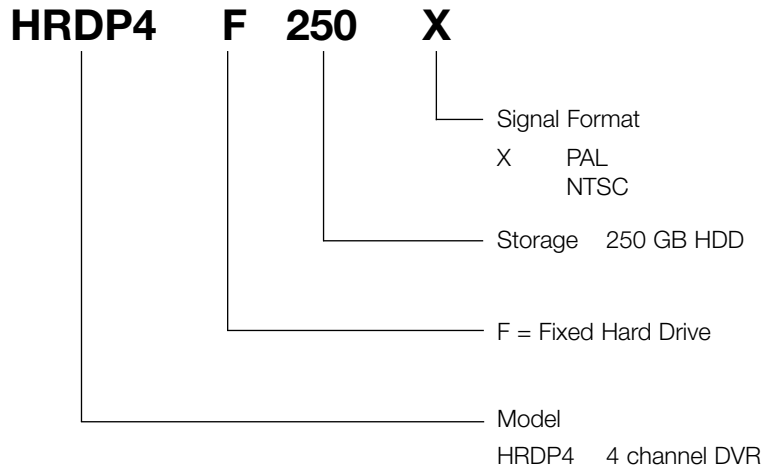
Recommended Accessories	
HRDP4F DVR	
HRDPRC	Spare IR Remote Control
Monitors*	
HMC14HR	14" Color CRT Monitor
HMLCD19e2	19" e-Series Color LCD Monitor (VGA)
HMLCD17L	17" L-Series Color LCD Monitor (VGA)

\* See Honeywell's full line of monitors and cameras at [www.honeywellvideo.com](http://www.honeywellvideo.com)

Recommended Accessories, Cont.	
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



## Ordering



### Honeywell Security & Data Collection

Honeywell  
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