

## HSVR DVR Series

### Mobile Enabled 4 & 16 Channel Digital Video Recorder

The HSVR series Digital Video Recorder (DVR) offers high feature set, with simplicity and cost effective.

The HSVR deploy a high definition H.264 video codec that provides more storage on the recording media without sacrificing image quality and providing months of high-resolution video recording.

The HSVR advanced processing capability supports real-time recording of all channels at CIF resolution. In addition very limited channels can be programmed to record at 4CIF (D1) resolution in combination with other channels at CIF resolution.

The HSVR offers high-end capabilities such as user-friendly front panel, IR remote control, various recording mechanism and USB interface for taking backup of the recorded data on the USB pen drive or HDD.

The HSVR supports TV, VGA and HDMI output at the same time which allows customers to connect HSVR directly to PC monitor or TV, to display surveillance video and control the viewing via remote controller. In addition, the HSVR is easy to operate over network where in user can do real-time monitoring, search, playback, backup and PTZ control. The complimentary mobile surveillance software provided with HSVR helps to enjoy quick remote access and control through the mobile phone helping you to make informed security and business management decision.



### Market Opportunities

Supporting advanced features set at low pricing makes the HSVR an ideal choice for variety of surveillance applications including small to medium-sized retail, banking, ATM's, warehouse and educational facilities. Web browser remote access in addition to Remote Software opens up many new application possibilities for HSVR. Business owners and managers can watch their offices / business places virtually from any location using a laptop with a web browser and internet access.

### Features

- 4 or 16 channel video inputs.
- Robust H.264 compression for superior video quality and optimal storage capabilities
- Realtime live display of all connected cameras with 720P high definition, programmable to record 25fps for all channels at CIF resolution and few channels recording at 4CIF resolution
- Dual encoding streams support, flexible for network transmission and mobile phone monitoring
- Simultaneous playback of multiple channels
- Multiple control methods: Front panel, IR remote controller, USB mouse
- Smart video detection: motion detection, camera blank, video loss
- Smart camera settings: privacy masking, camera lock, color setting, and title display
- Pan Tilt Zoom and Speed Dome Control
- Powerful network software: built-in web server, multi-DVR client. Networking access for remote live viewing, playback, clip-copy, setting, system status, event log

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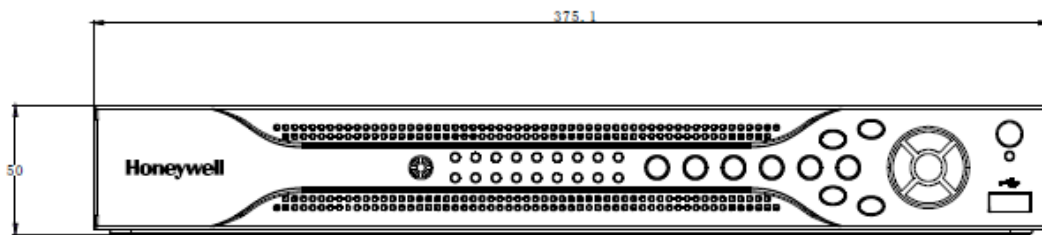
### Specifications

Model	HSVR-04	HSVR-16		
System	Main Processor	High performance embedded microprocessor		
	Operating System	Embedded LINUX		
	System Resources	Multiplex function: recording, playback, backup & remote access simultaneously		
	User Interface	GUI, on-screen menu tips		
	Control Device	Front panel, USB mouse, IR remote control		
	System Status	HDD status, data stream statistics, log record, bios version, on-line user		
Video	Video Input	4 Channel, BNC, 1.0Vp-p, 75Ω	16 Channel, BNC, 1.0Vp-p, 75Ω	
	Video Output	1 channel PAL BNC, (1.0Vp- p, 75Ω) composite video signal, 1VGA output, 1 HDMI output		
	Video Standards	PAL(625Line, 50f/s)		
	Video Compression	H.264		
	Video Resolution	Format	PAL	
		4CIF / D1	704 X 576	
		CIF	352 X 288	
		QCIF	176 X 144	
	Video Recording	Real time mode CIF/QCIF: PAL 1f/s to 25f/s per channel		
		D1 / 4CIF: PAL 1f/s to 25f/s for First Channel	D1 / 4CIF: PAL 1f/s to 25f/s for First and Ninth Channel	
	Video Display Split	Full and multiple screen display, 1 / 4	Full and multiple screen display, 1 / 4 / 9 / 16	
	Video Switching	Support		
	Image Quality	6 levels image quality (Adjustable)		
	Privacy Masking	Support maximum 4 privacy zones per channel		
Camera Lock	Camera locked for users			
Video Information	Camera title, time, video loss, camera lock, motion detection, recording			
Audio	Audio Input	4 channel, BNC, 200-2800mV, 30KΩ		
	Audio Output	1 channel, BNC, 200-3000mv, 5KΩ		
	Audio Compression	G.711		
Video Detection & Alarm	Motion Detection	Zones: 396 (22*18) detection zones		
		Sensitivity: 1~6 (level 6 is highest)		
		Alarm can trigger recording, PTZ control, alarm out, email message		
	Video Loss	Video loss can trigger recording, PTZ control, alarm out, email message		
	Camera Blank	Trigger recording, PTZ movement, tour, alarm		
	Alarm Inputs	4 Alarm Inputs (NO or NC)	16 Alarm Inputs (NO or NC)	
Relay outputs	3			
Hard Disk	Hard Disk	1 built-in SATA port support 1 HDD		
	HDD Management	Hard disk hibernation technology, HDD failed alarm		
Record, Playback & Backup	Recording Mode	Manual, continuous, video detection (including motion detection, camera blank, video loss), Alarm		

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	Recording Interval	1 to 120 minutes (default: 60 minutes), Pre-record up to 30 seconds, Post-record up to 5 minutes	
	Overwrite Mode	Support	
	Search Mode	Time/Date, Alarm & Motion Detection	
	Playback	Simultaneous Playback of Multiple channels, pause, stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection	
	Backup Mode	Flash disk/ USB HDD/ Network download	
Network	Interface	RJ-45 Port (10/100M)	
	Network Functions	View video remotely, PTZ control, Playback, clip copy, system configuration, log information through remote access software	
	Network Protocols	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server	
	Web Browser	Support	
Auxiliary Interface	USB Interface	2 USB 2.0 ports	
	RS485	PTZ control	
General Parameter	Power Supply	220VAC, 50Hz	
	Power consumption	12W (without HDD)	25W (without HDD)
	Working Temperature	0degC~+55degC	
	Working Humidity	10%~90%	
	Dimension	1U, 375mmx285mmx45mm (W*D*H)	
	Weight	3.25KG(without HDD)	

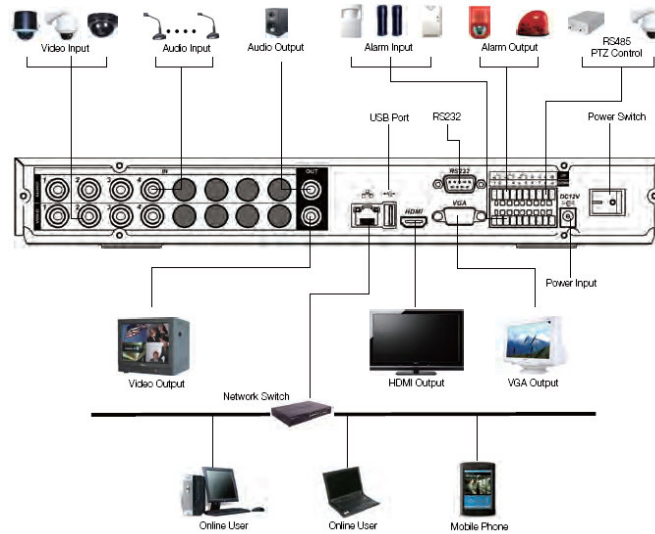
### Dimensions



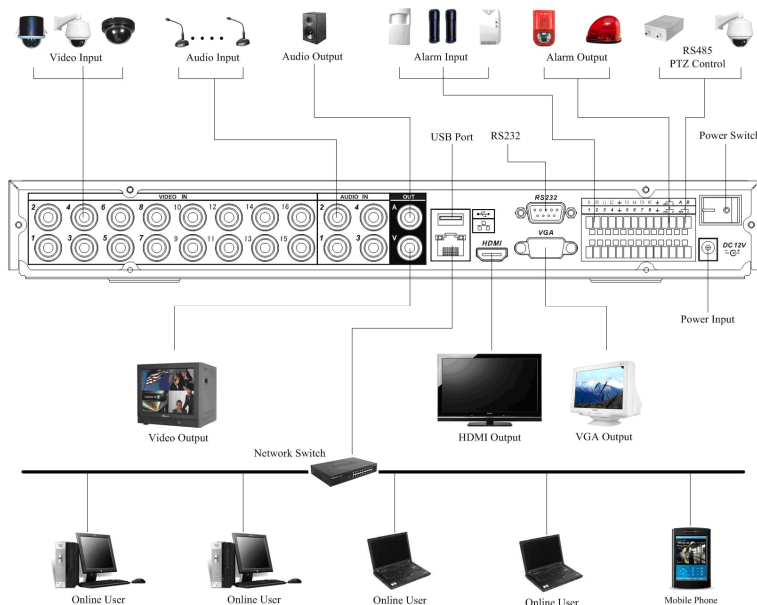
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### System Drawing

#### HSVR – 04, 4 Channel Digital Video Recorder



#### HSVR – 16, 16 Channel Digital Video Recorder



### Ordering

HSVR-04	4 Channel Digital Video Recorder, H.264 Compression, Realtime Recording
HSVR-16	16 Channel Digital Video Recorder, H.264 Compression, Realtime Recording

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

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