

## 16 Channel Entry Level Standalone DVR



### Model

HSVR-16          16 channel audio/video basic model

### Note:

**HSVR-16:** 16 channel video inputs and 4 channel audio inputs. The 1st and 9th video channels can support max 4CIF realtime recording and other channels can support CIF realtime recording. It can support VGA, HDMI and USB2.0.

### Features

- New standard for entry level DVR with high performance and competitive price
- H.264 compression algorithm ideal for standalone DVR
- Realtime live display up to 16 cameras with 720P high definition, 400/480 fps recording for CIF and special channel 4CIF realtime recording
- Dual encoding streams support, flexible for network transmission and mobile phone monitoring
- Pentaplex function: live, recording, playback, backup & remote access
- 16 channel simultaneous playback
- Multiple control methods: Front panel, IR remote controller, keyboard, USB mouse and network keyboard
- 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: more than 60 protocols supported, preset, scan, auto pan, auto tour, pattern, auxiliary function supported. And with Dahua Speed Dome, 3D intelligent positioning function supported
- Alarm triggering screen tips, buzzer, PTZ preset, e-mail, FTP upload
- Powerful network software: built-in web server, multi-DVR client, MSS(mobile surveillance software for smart phone) & CMS. Networking access for remote live viewing, recording, playback, setting, system status, event log

## Specifications

Model	HSVR-16		
System			
Main Processor	High performance embedded microprocessor		
Operating System	Embedded LINUX		
System Resources	Pentaplex function: live, recording, playback, backup & remote access		
User Interface	GUI, on-screen menu tips		
Control Device	Front panel, USB mouse, keyboard, IR remote control, network keyboard		
Input Method	Numeral/Character/Denotation		
System Status	HDD status, data stream statistics, log record, bios version, on-line user etc.		
Video			
Video Input	16 channel, BNC, 1.0Vp-p, 75Ω		
Video Output	1 channel TV output, BNC, 1.0Vp- p, 75Ω, 1 VGA output, 1 HDMI output		
Video Standards	PAL(625Line, 50f/s), NTSC(525Line, 60f/s)		
Video Compression	H.264		
Video Resolution	Format            NTSC                                  PAL D1(4CIF)        704 X 480                              704 X 576 CIF                352 X 240                              352 X 288 QCIF             176 X 120                              176 X 144		
Video Recording	CIF/QCIF: PAL 1f/s~25f/s, NTSC 1f/s~30f/s; 4CIF: PAL 1f/s-25f/s    NTSC 1f/s-30f/s; (1 <sup>st</sup> channel of DVR0404LE-A, 1 <sup>st</sup> channel of DVR0804LE-A, 1 <sup>st</sup> and 9 <sup>th</sup> channel of DV1604LE-A can support D1 realtime recording) Dual encoding streams supported;		
Video Display Split	Full and multiple screen display, 1 / 4 / 9 / 16		
Tour Display	Support		
Image Quality	1~6 level(level 6 is the best)		
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera		
Camera Lock	Camera locked for users		
Camera Adjustment	Adjust color according to different time period		
Video Information	Camera title, time, video loss, camera lock, motion detection, recording		
TV OutputAdjustment	Adjust TV output color & display zone		
Audio			
Audio Input	4/8/4 channel, BNC, 200-2800mV, 30KΩ		
Bidirectional Talk Input	1 channel, BNC, 200-2800mV, 30KΩ, same with the 1 <sup>st</sup> channel		
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) Trigger recording, PTZ movement, tour, alarm, email
Video Loss	Trigger recording, PTZ movement, tour, alarm, email
Camera Blank	Trigger recording, PTZ movement, tour, alarm, email
Alarm Input	4/8/16 channel, programmable, ground, manual open/closed Trigger recording, PTZ movement, tour, alarm, email
Relay output	3/3/3 channel, 30VDC, 1A, NO/NC, form-C
<b>Hard Disk</b>	
Hard Disk	1 SATA port, 1 HDD supported
Space Occupation	Audio: 14.4MB/H Video: 56~500MB/H
HDD Management	Hard disk hibernation technology, HDD faulty alarm
<b>Record, Playback &amp; Backup</b>	
Recording Mode	Manual, continuous, video detection (including motion detection, camera blank, video loss), Alarm
Recording Priority	Manual > Alarm > Video Detection > Continuous
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 & exact search (accurate to second)
Playback	4 channel playback simultaneously, pause, stop, rew ind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection
Digital Zoom	Selected zone can zoom into full screen during playback
Backup Mode	Flash disk/ USB HDD/ USB CD/DVD-RW/ Network download
<b>Network</b>	
Interface	RJ-45 Port (10/100M)
Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server
Remote operation	Monitor, PTZ control, playback, system setting, file download, log information
<b>Auxiliary Interface</b>	
USB Interface	2 ports, 1 for mouse control, 1 for backup
RS232	DAHUA keyboard, PC communication
RS485	PTZ control
<b>Environmental</b>	
Power Supply	220V 50Hz / 110V 60Hz
Power consumption	25W
Working Temperature	-10℃~+55℃
Working Humidity	10%~90%
Atmosphere Pressure	86kpa~106kpa
Dimension	1U, 375mmx285mmx45mm (W*D*H)

# HSVR-16

**Honeywell**

Weight	2.35KG(without HDD)
Mounting	Desktop or rack

## Connection Sample

