

## DH-HCVR8816S-S3

16ch 2U Ultra 1080P HDCVI DVR



### Features

- > Support HDCVI/AHD/Analog/IP Video input
- > H.264 dual-stream video compression
- > All channel 1080P realtime recording
- > HDMI 1/VGA simultaneous video output,HDMI2/VGA(HDMI1) independent video output
- > 16 channel synchronous realtime playback, GRID interface & smart search
- > Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- > ONVIF Version 2.4.1 conformance
- > 3D intelligent positioning with Dahua PTZ dome camera
- > Support 8 SATA HDDs up to 64TB,4 USB(2 USB3.0)
- > Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)
- > Advanced intelligent functions: Tripwire, Intrusion, Abandoned/Missing, Scene Change, Face Detection, People Counting, Smart Tracking

# DH-HCVR8816S-S3

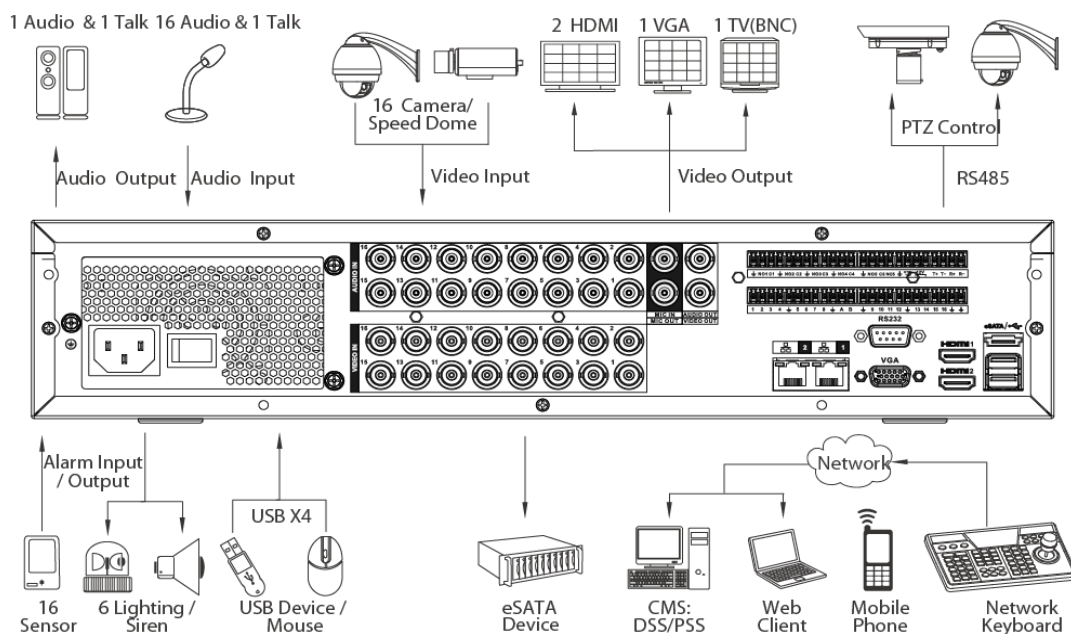
## Technical Specifications

<b>Model</b>		<b>DH-HCVR8816S-S3</b>
<b>System</b>		
Main Processor		Embedded Processor
Operating System		Embedded LINUX
<b>Video</b>		
Input		16 channel, BNC
Standard	Analog	NTSC/PAL
	HDCVI	1080P/720P HDCVI Camera
	IP	16+48 up to 12Mp
<b>Audio</b>		
Input		16 channel, BNC
Output		1 channel, BNC
Two-way Talk		1 channel BNC(independent)
<b>Display</b>		
Interface		HDMI1(4K), HDMI2( 1080P), 1 VGA,VIDEO OUT
Resolution		3840×2160(HDMI1.),1920×1080, 1280×1024, 1280×720, 1024×768
Display Split		1/4/8/9/16/25/36
Privacy Masking		4 rectangular zones (each camera)
OSD		Camera title, Time, Video loss, Camera lock, Motion detection, Recording
<b>Recording</b>		
Video Compression		H.264
Audio Compression		G.711/PCM
Record Rate	Main Stream:	1080P(1~30fps) /720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps)
	Extra Stream	960H/D1/CIF/QCIF(1~25/30fps)
	Bit Rate	32~8192Kb/s
Record Mode		Manual, Schedule(Regular(Continuous), MD), Stop
Record Interval		1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
<b>Video Detection</b>		
Trigger Events		Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection		Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
<b>Alarm Input</b>		16 channel
<b>Relay Output</b>		6 channel
<b>Intelligent Video (Optional)</b>		Tripwire, Intrusion, Abandoned/Missing, Face Detection
<b>Playback &amp; Backup</b>		
Sync Playback		1/4/9/16
Search Mode		Time/Date, MD & Exact search (accurate to second)
Playback Functions		Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection,

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	Digital zoom
Backup Mode	USB Device/Internal SATA burner/Network
<b>Network</b>	
Ethernet	2 Gigabit ports
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, SNMP, P2P
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
<b>Storage</b>	
Internal HDD	8 SATA ports, up to 64TB, 1 eSATA
<b>Auxiliary Interface</b>	
USB Interface	4 ports (2 Rear USB3.0, 2 Front USB2.0)
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
<b>General</b>	
Power Supply	AC100V-240V,50/60Hz
Power Consumption	≤40W(without HDD)
Working Environment	-10°C ~ +55°C / 10%~90%RH / 86~106kpa
Dimension(W×D×H)	2U, 440mm×460mm×89mm
Weight	7.5KG(without HDD)

## System Connection



Take HCVR8816S-S3 as an example

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\*Design and specifications are subject to change without notice.

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