

DH-HCVR7816S-URH

16CH Tribrid 1080P 2U HDCVI DVR



Features

- > Support HDCVI/Analog/IP Video input
- > H.264 dual-stream encoding
- > HCVR7816S-URH:All channel 1080P realtime recording
- > 8 channel synchronous realtime playback, GRID interface & smart search
- > 2HDMI/VGA/TV simultaneous video output
- > Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 4 USB2.0
- > 3D intelligent positioning with Dahua PTZ dome camera
- > ONVIF Version 2.4 conformance
- > 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.
- > Support RAID0,RAID1,RAID5,RAID10
- > Support hot-swap HDD
- > Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

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Technical Specifications

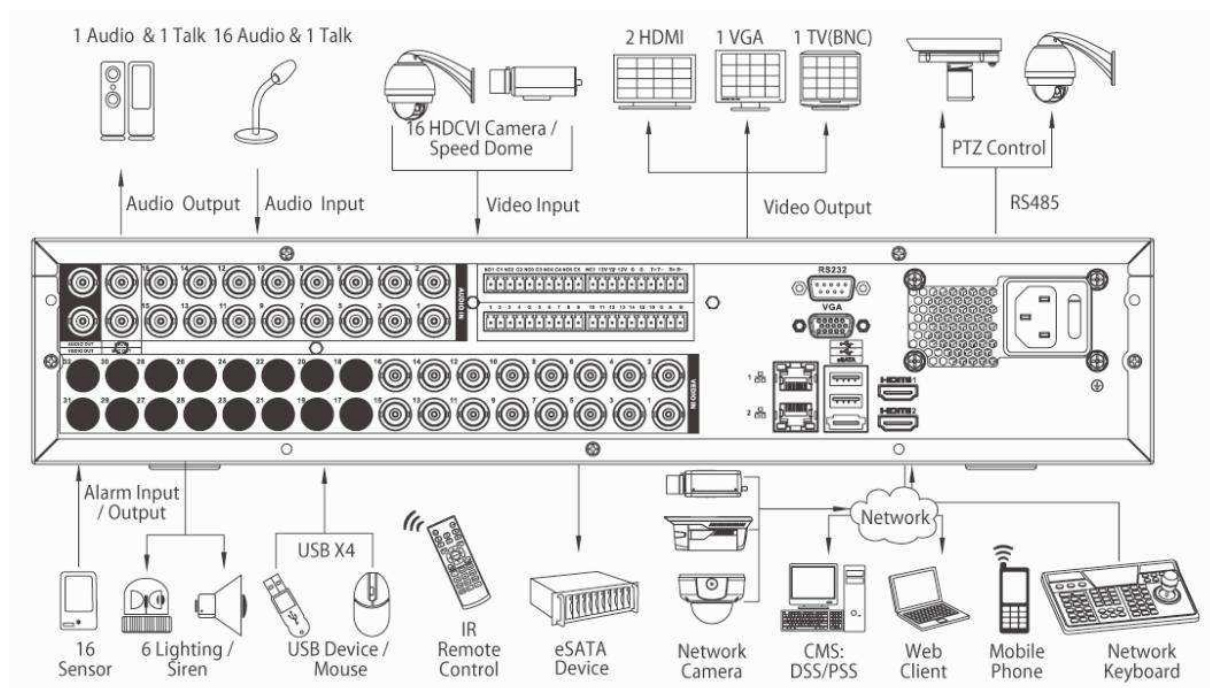
Model	DH-HCVR7816S-URH	
System		
Main Processor	Dual-core embedded processor	
Operating System	Embedded LINUX	
Video		
Input	16 channel, BNC	
Standard	HDCVI	1080P/720P HDCVI Camera
	Analog	NTSC/PAL
	IP	Support 16ch 1080P/720P IP Camera
Audio		
Input	16 channel, BNC	
Output	1 channel, BNC	
Two-way Talk	1 channel Input, 1 channel Output, BNC	
Display		
Interface	2 HDMI, 1 VGA, 1 TV	
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768	
Display Split	1/4/8/9/16	
Privacy Masking	4 rectangular zones (each camera)	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	
Recording		
Video/Audio Compression	H.264/G.711	
Record Rate	Main stream	1080P/720P/960H/D1/HD1/2CIF/CIF/QCIF (1~25/30fps)
	Extra stream	960H(1~6fps) /D1/CIF/QCIF(1~25/30fps)
Bit Rate	48~6144Kb/s	
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop	
Record Interval	1~60 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.	
Video Detection & Alarm		
Trigger Event	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Spot, Snapshot, Buzzer & Screen tips	
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank	
Alarm Input	16 channel	
Relay Output	6 channel	
Playback & Backup		
Sync Playback	1/4/9/16	
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search	
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next	

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	camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network
Network	
Ethernet	2 RJ-45 port (10/100M/1000M)
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server, SNMP, P2P
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	8 SATA ports(8HDDs), up to 32TB
External HDD	1 eSATA port
Auxiliary Interface	
USB Interface	4 ports (2 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	AC 100~240 V, 50/60 Hz
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	6.5KG(without HDD)

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System Connection



* Takes HCVR7816S-URH as an example

Dahua Technology Co., Ltd.

1199' BinAn Road, Binjiang District, Hangzhou, China

Tel: +86-571-87688883

Fax: +86-571-87688815

Email: overseas@dahuatech.com

www.dahuatech.com

*Design and specifications are subject to change without notice.

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