

DH-HCVR7804/7808/7816S

4/8/16CH Tribrid 1080P 2U HDCVI DVR



Features

- > Tribrid: Each channel supports HDCVI/Analog/IP Video input
- > 1HDMI/VGA/TV simultaneous video output, 1 HDMI separate output
- > HCVR7804/7808/7816S: All channel 1080P realtime recording
- > H.264 dual-stream video compression
- > 4/8 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 conformance
- > 3D intelligent positioning with Dahua PTZ camera
- > Support 8 SATA HDDs up to 32TB, 1 eSATA, 4 USB2.0
- > Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

DH-HCVR7804/7808/7816S

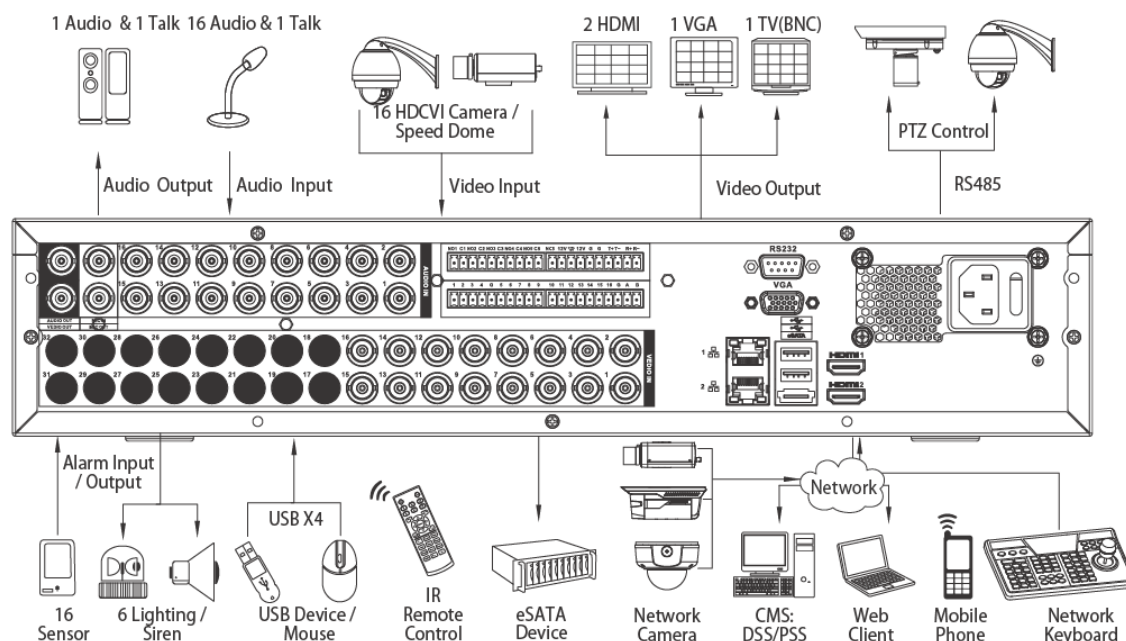
Technical Specifications

Model		DH-HCVR7804S	DH-HCVR7808S	DH-HCVR7816S
System				
Main Processor		Embedded processor		
Operating System		Embedded LINUX		
Video				
Input		4 channel	8 channel	16 channel
Video Standard	HDCVI	1080P/720P HDCVI Camera		
	Analog	NTSC/PAL		
	IP	All channels support 1080P/720P IP Camera		
Audio				
Input		4 channel, BNC	8 channel, BNC	16 channel, BNC
Output		1 channel, BNC		
Two-way Talk		1 channel input,1channel output, BNC		
Display				
Interface		2 HDMI, 1 VGA, 1 TV		
Resolution		1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split		1/4	1/4/8/9	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(1~25/30fps)		
	Extra stream	CIF/QCIF(1~25/30fps)		
Bit Rate		48~6144Kb/s		
Recording Mode		Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
Recording Interval		1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm				
Trigger Events		Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips		
Motion Detection		Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank		
Alarm Input		4 channel	8 channel	16 channel
Relay Output		6 channel		
Playback & Backup				
Sync Playback		1/4	1/4/9	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 camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital		

DH-HCVR7804/7808/7816S

	zoom
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network
Network	
Ethernet	2RJ-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 or 6HDDs+1CD/DVD-RW), up to 32TB
External HDD	1 eSATA port
Auxiliary Interface	
USB	4 ports(2 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port RS485 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)

System Connection



*Takes HCVR7816S as an example

DH-HCVR7804/7808/7816S

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.

© 2015 Dahua Technology Co., Ltd.