

DHI-HCVR78A16S

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
- > HCVR78A16S: 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)

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Technical Specifications

Model		DHI-HCVR78A16S
System		
Main Processor		Embedded processor
Operating System		Embedded LINUX
Video		
Input		16 channel
Video Standard	HDCVI	1080P/720P HDCVI Camera
	Analog	NTSC
	IP	All channels support 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(1~30fps)
	Extra stream	CIF/QCIF(1~30fps)
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		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 camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital

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	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)