

Product Specifications

DHI-HCVR52A16A-S3

16CH Tribrid 720P-Pro 1U HDCVI DVR



Features

- Support HDCVI/Analog/IP Video input
- H.264 dual-stream video compression
- All channel 1080N/720P realtime or 1080P non-realtime recording
- HDMI/VGA simultaneous 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 conformance
- Support 2 SATA HDDs up to 8TB, 2 USB2.0(16CH 1 USB3.0)
- 3D intelligent positioning with Dahua PTZ dome camera
- Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)

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Technical Specifications

Model	DH-HCVR52A16A-S3	
System		
Main Processor	Embedded processor	
Operating System	Embedded LINUX	
Video		
Input	16 channel, BNC	
Standard	Analog	NTSC/PAL
	HDCVI	1080P/720P HDCVI Camera
	IP	16+8 up to 5Mp
Audio		
Input	4 channel, RCA	
Output	1 channel, RCA	
Two-way Talk	Reuse audio input/output channel 1	
Display		
Interface	1 HDMI, 1 VGA	
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	
Resolution	1080P(1920×1080)/1080N(960×1080)/720P(1280×720)/960H(960×576 /960×480)/D1(704×576/704×480)/HD1(352×576/352×480) / /BCIF(704×288/704×240) CIF(352×288/352×240) / QCIF(176×144/176×120)	

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Record Rate	Main	1080P(1~15fps)
	Stream:	1080N/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~30fps)
	Extra Stream	D1/CIF/QCIF(1~15fps)
Bit Rate	1~6144Kb/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	
Video Detection & Alarm		
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	
Alarm Input	16 channel	
Relay Output	3 channel	
Playback & Backup		
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, Digital zoom	
Backup Mode	USB Device/Internal SATA burner/Network	
Network		
Ethernet	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, SNMP, P2P	
Max. User Access	128 users	
Smart Phone	iPhone, iPad, Android, Windows Phone	
Storage		
Internal HDD	2 SATA ports, up to 12TB	

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Auxiliary Interface	
USB Interface	2 ports (1 Rear USB3.0, 1 Front USB2.0)
RS485	1 port, For PTZ control
General	
Power Supply	DC12V/4A
Power Consumption	15W(without HDD)
Working Environment	-10°C ~+55°C / 10%~90%RH / 86~106kpa
Dimension(W×D×H)	1U, 375mm×285mm×55mm
Weight	2.35KG(without HDD)