

DHI-HCVR4104/08/16HE-S3

4/8/16 Channel Tribrid 720P Mini 1U Digital Video Recorder



- ·Embedded processor
- ·Support HDCVI/CVBS video inputs
- ·Max 5/10/18 channels IP camera inputs
- ·Max 20/40/72Mbps Incoming Bandwidth
- ·Long transmission distance over coax cable
- ·Support 1 SATA HDD, up to 6TB













System Overview

Dahua newest generation digital video recorder adopts HDCVI technology, our in-house technology is an over-coaxial-cable analog HD video transmission standard, allowing long-distance HD transmission at a lower cost to meet the requirements for a complex and large installation. It supports up to 16 channels of HDCVI/CVBS inputs, and 2 channels IP camera additionally, 16 channels local live-view channels, and 16 playback channels.

Designed as a low-cost, easy installation product, this HCVR is ideal for a wide range of applications such as public safety, retail store, transportation, home protection and education. It is compatible with numerous third-party devices making it the perfect solution for surveillance systems with or without a video management system (VMS). Its open architecture supports multi-user access and is compatible with ONVIF 2.4.1.

Functions

5MP Resolution

The HCVR supports 5MP HD resolution (2560×1920) for recording, live viewing.

Smart Search

This function helps you get more motion detect video during a short time through drawing a region when playback. It is very useful when an emergency occurs.

P2P

Monitor at anytime and anywhere. Easily and conveniently mange the device.



Technical Specification		Audio and Video		
System		HDCVI Camera Input	4/8/16 Channel	
Main Processor	Embedded Processor	IP Camera Input	4+1 Channel, each channel up to 2MP 8+2/16+2 Channel, each channel up to 5MP	
Operating System	Embedded LINUX	Audio In/Out	4/8/16 Channel Input, 1 Channel Output	
Display		Two-way Talk	Reuse audio in(channel 1)/out, RCA	
Interface 1 HDMI ,1 VGA		Recording	Recording	
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768	Compression	H.264	
Multi-screen Display	4CH: 1/4/6 8CH: 1/4/8/9/16 16CH: 1/4/8/9/16/25	Resolution	1080N,720P, 960H, D1, HD1, BCIF, CIF, QCIF	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	Record Rate	Main Stream: 4CH:1080N/720P/960H/D1/HD1/ BCIF/CIF/QCIF (1~25/30fps) 8/16CH:1080N(12fps)/720P(15fps)/960H/D1/HD1/	
Video Detection and Alarm			BCIF/CIF/QCIF (1~25/30fps) Sub steram:D1/CIF/QCIF(1~25/30fps)	
Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips	Bit Rate	1Kbps ~ 6144Kbps Per Channel	
Video Detection	Motion Detection, MD Zones: 396 (22 \times 18), Video Loss and Tampering	Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop	
Alarm input	8/8/16	Record Interval	$1 \sim 60 $ min (default: 60 min), Pre-record: $1 \sim 30 $ sec, Post-record: $10 \sim 300 $ sec	
Relay Output	3	Network		
Tracking Trigger Event	N/A	Interface	1 RJ-45 Port (100M)	
Playback and Backup			HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP,	
Playback	4CH: 1/4 8CH: 1/4/9	Network Function	NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, P2P, IP Search (Support Dahua IP camera, DVR, NVS, etc.)	
	16CH: 1/4/9/16	Max. User Access	128 users	
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)	Smart Phone	iPhone, iPad, Android	
	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom	Interoperability	ONVIF 2.4.1, CGI Conformant	
Playback Function		Electrical		
Backup Mode	USB Device/Network	Power Supply	DC12V/2A	
Storage		Power Consumption	<15W (Without HDD)	
Internal HDD	1 CATA Part up to CTD	Environmental		
Internal noo	1 SATA Port up to 6TB	Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa	
HDD Mode	Single	Storage Conditions	0°C ~ +50°C (+32°F ~ +122°F), 0 ~ 90% RH	
eSATA	N/A	Construction		
Auxiliary Interface		Dimensions	Mini 1U, 325mm×255mm×55mm (12.8" x 10" x 2.2")	
USB	2 USB Ports (2 USB 2.0)	Net Weight	1.5kg (3.3 lb) (without HDD)	
RS232	N/A	Gross Weight	2kg (4.4lb)	
RS485	1 Port, for PTZ Control	Installation	Desktop installation	
Third-party Support		Certifications	FCC. Part 1F Culpart P. 10FC 003 I	
Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more	Certifications	FCC: Part 15 Subpart B ICES 003 Issue 6 CE: EN 55032: 2012+AC:2013 (Class B) EN 55024: 2010 EN 61000-3-2: 2014 EN 50130-4: 2011 EN 61000-3-3: 2013	
			UL 60950-1 and CAN/CSA C22.2 No. 60950-1-07	

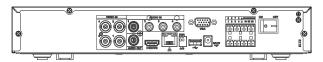
Lite Series | DHI-HCVR4104/08/16HE-S3

Ordering Information			
Туре	Part Number	Description	
	DHI- HCVR4104HE-S3	4 Channel Tribrid 720P Mini 1U Digital Video Recorder	
4/8/16 Channel HCVR	DHI- HCVR4108HE-S3	8 Channel Tribrid 720P Mini 1U Digital Video Recorder	
	DHI- HCVR4116HE-S3	16 Channel Tribrid 720P Mini 1U Digital Video Recorder	

Dimensions (mm)

Rear Panel

DHI-HCVR4104HE-S3



DHI-HCVR4108HE-S3



DHI-HCVR4116HE-S3

