

DHI-HCVR5104/08/16H-S3

4/8/16 Channel Tribrid 1080P Lite Mini 1U Digital Video Recorder



- Embedded processor
- ·H.264+/H.264 video compression
- ·Support HDCVI/CVBS/IP video inputs
- •Max 6/12/24 channels IP camera inputs, each channel up to 5MP
- •Max 24/48/96Mbps Incoming Bandwidth
- ·Smart Search and Intelligent Video System













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 8 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 2.42.

Functions

Smart H.264+

Smart Codec, H.264+ can reduce up to 70% bit rate and storage requirements without having to invest in new cameras.

5MP Resolution

The HCVR supports up to 5MP HD resolution (2560 x 1920) IPC input for recording, live viewing.

Intelligent Video System (IVS)

With built-in intelligent video analytics, the XVR has the ability to detect and analyze moving objects for improved video surveillance. The XVR provides optional standard intelligence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a predetermined line has been crossed.

Face Detection

It is a type technology being used in a variety of applications that search or identify individuals which show front cameras.

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.



Technical Specification		Audio and Video	
System		HDCVI Camera Input	4/8/16 Channel
Main Processor	Embedded Processor	IP Camera Input	4+2/8+4/16+8 Channel, each channel up to 5MP
Operating System	Embedded LINUX	Audio In/Out	1/1, RCA
Display		Two-way Talk	Reuse audio in/Out, RCA
Interface	1 HDMI ,1 VGA	Recording	
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768	Compression	H.264+/H.264
Multi-screen Display	4CH: 1/4/6 8CH: 1/4/8/9/16 16CH: 1/4/8/9/16/25	Resolution	1080P, 1080N,720P, 960H, D1, HD1, BCIF, CIF, QCIF
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	Record Rate	Main stream: 1080P(1~15fps) 720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps) Sub steram:D1/CIF/QCIF(1~15fps)
Video Detection and Alarm		Bit Rate	1Kbps ~ 6144Kbps Per Channel
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips	Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Video Detection Alarm input	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis N/A	Record Interval	1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Relay Output	N/A	Network	
Playback and Backup		Interface	4/8CH: 1 RJ-45 Port (100M) 16CH: 1 RJ-45 Port (1000M)
Playback	4CH: 1/4 8CH: 1/4/9 16CH: 1/4/9/16	Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P,IP Search (Support Dahua IP camera,
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)	Max. User Access	DVR, NVS, etc.) 128 users
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom	Smart Phone	iPhone, iPad, Android
		Interoperability	ONVIF 2.42, CGI Conformant
Backup Mode	USB Device/Network	Electrical	
Storage		Power Supply	DC12V/2A, (DC12V/3A for 16ch)
Internal HDD	1 SATA Ports, up to 8TB capacity	Power Consumption	<15W (Without HDD)
eSATA	N/A	Environmental	
Auxiliary Interface		Operating Conditions	-10°C~+55°C (+14°F~+131°F), 0~90% RH
USB	4/8CH:2 USB 2.0 16CH:1 USB 2.0 , 1 USB 3.0	Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F) , 0~ 90% RH
RS232	N/A	Construction	
RS485	1 Port, for PTZ Control	Dimensions	Mini 1U, 325mm×255mm×55mm (12.8" x 10" x 2.2")
Third-party Support		Net Weight	1.5kg (3.3 lb) (without HDD)
Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more	Gross Weight	2kg (4.4lb)
		Installation	Desktop installation
	and more	Certifications	
			FCC: Part 15 Subpart B ICES 003 Issue 6
		Certifications	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-HCVR5104/08/16H-S3

Ordering Information			
Туре	Part Number	Description	
	DHI-HCVR5104H-S3	4 Channel Tribrid 1080P Lite Mini 1U Digital Video Recorder	
4/8/16 Channel HCVR	DHI-HCVR5108H-S3	8 Channel Tribrid 1080P Lite Mini 1U Digital Video Recorder	
	DHI-HCVR5116H-S3	16 Channel Tribrid 1080P Lite Mini 1U Digital Video Recorder	

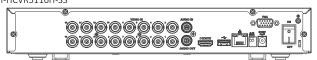
Rear Panel

DHI-HCVR5104H-S3

DHI-HCVR5108H-S3



DHI-HCVR5116H-S3



Dimensions (mm)

