

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 2.4.1.

Spot Output

It is made for a secondary monitor. This allows the operator to view one special monitor that assigned to selected cameras or video inputs from higher security areas.

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.

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 XVR supports 5MP HD resolution (2560 x 1920) IPC input for recording, live viewing.



Lite Series | DHI-HCVR5104/08/16H-S3

Technical Specification

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and more	Third-party Support	Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek,			

Audio and Video	
HDCVI Camera Input	4/8/16 Channel
IP Camera Input	4+2/8+4/16+8 Channel, each channel up to 5MP
Audio In/Out	1/1
Two-way Talk	Reuse audio in/Out, RCA
Recording	
Compression	H.264+/H.264
Resolution	1080P, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main stream: 1080P(1~15fps) 720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps) Sub steram:D1/CIF/QCIF(1~25/30fps)
Bit Rate	1Kbps ~ 6144Kbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval	1^{\sim} 60 min (default: 60 min), Pre-record: 1^{\sim} 30 sec, Post-record: 10^{\sim} 300 sec
Network	
Interface	4/8CH: 1 RJ-45 Port (100M) 16CH: 1 RJ-45 Port (1000M)
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, DVR, NVS, etc.)
Max. User Access	128 users
Max. User Access Smart Phone	128 users iPhone, iPad, Android
Smart Phone	iPhone, iPad, Android
Smart Phone Interoperability	iPhone, iPad, Android
Smart Phone Interoperability Electrical	iPhone, iPad, Android ONVIF 2.4.1, CGI Conformant
Smart Phone Interoperability Electrical Power Supply	iPhone, iPad, Android ONVIF 2.4.1, CGI Conformant DC12V/2A, (DC12V/3A for 16ch)
Smart Phone Interoperability Electrical Power Supply Power Consumption	iPhone, iPad, Android ONVIF 2.4.1, CGI Conformant DC12V/2A, (DC12V/3A for 16ch)
Smart Phone Interoperability Electrical Power Supply Power Consumption Environmental	iPhone, iPad, Android ONVIF 2.4.1, CGI Conformant DC12V/2A, (DC12V/3A for 16ch) <15W (Without HDD)
Smart Phone Interoperability Electrical Power Supply Power Consumption Environmental Operating Conditions	iPhone, iPad, Android ONVIF 2.4.1, CGI Conformant DC12V/2A, (DC12V/3A for 16ch) <15W (Without HDD) -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
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Smart Phone Interoperability Electrical Power Supply Power Consumption Environmental Operating Conditions Storage Conditions Construction Dimensions	iPhone, iPad, Android ONVIF 2.4.1, CGI Conformant DC12V/2A, (DC12V/3A for 16ch) <15W (Without HDD) -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa 0°C ~ +50°C (+32°F ~ +122°F), 0 ~ 90% RH Mini 1U, 325mm×255mm×55mm (12.8" x 10" x 2.2")
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Smart Phone Interoperability Electrical Power Supply Power Consumption Power Consumption Environmental Operating Conditions Storage Conditions Storage Conditions Storage Conditions Storage Conditions Dimensions Net Weight Gross Weight Installation	iPhone, iPad, Android ONVIF 2.4.1, CGI Conformant DC12V/2A, (DC12V/3A for 16ch) <15W (Without HDD) -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa 0°C ~ +50°C (+32°F ~ +122°F), 0 ~ 90% RH Mini 1U, 325mm×255mm×55mm (12.8" x 10" x 2.2") 1.5kg (3.3 lb) (without HDD) 2kg (4.4lb)
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Lite Series | DHI-HCVR5104/08/16H-S3

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

Dimensions (mm)







