

DHI- HCVR8808/16S-URH-S3

8/16 Channel Quadri-brid 1080P-Ultra 2U Digital Video Recorder



- Embedded processor
- Smart H.264 dual-stream video compression
- Support HDCVI/AHD/CVBS/IP video inputs
- Max 64 channels IP camera inputs, each channel up to 12MP
- Max 200Mbps Incoming Bandwidth, 384Mbps Forwarding Bandwidth
- Smart Search and Intelligent Video System
- Support RAID0,1,5,6,10



System Overview

Dahua, as a leading role in the security industry, his Innovation never stops. Today we present URH. It inherits the excellent performance of N8 platform. Such as powerful Intel Multi-core CPU (perfect processing capability), high frame rate (720P 50/60fps realtime recording), quadri-brid video input (HDCVI/AHD/CVBS/IP) and advance intelligent functions (Smart Tracking/People Counting). It uses a removable type of HDD architecture, support hot plug and raid. This not only allows you to use more convenient, but also to protect your data security.

Designed as an ultra product, URH is not only able to provide high-quality video, it can make your data more secure at the same time. It is ideal for a wide range of applications such as government, banks, hotels, and shopping malls.

Functions

RAID

The URH support RAID 0, RAID 1, RAID 5, RAID 6 (optional), RAID 10. It can improve your storage speed, while ensuring data security.

HDCVI/AHD/CVBS Full Compatibility

The URH can receive HDCVI, AHD and CVBS signals. It cares your more needs.

Smart tracking

Smart tracking can track people or objects automatically with the linkage between Bullet and PTZ Camera.

Spot Output and Video Matrix

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. Video matrix is for TV output.

Intelligent Video System (IVS)

With built-in intelligent video analytics, the URH has the ability to detect and analyze moving objects for improved video surveillance. The URH 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 pre-determined line has been crossed.

Face Detection

It is a type technology used in a variety of applications that search or identify individuals who showed in front of 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.

People Counting

People counting can show the people flow in the entrance, and export the daily/month report.

Technical Specification

System

Main Processor	Embedded Processor
Operating System	Embedded LINUX

Display

Interface	8CH/16CH: HDMI 1(4K),HDMI 2(1080P),1 VGA,1 TV
Resolution	3840×2160,1920×1080, 1280×1024, 1280×720, 1024×768
Multi-screen Display	1/4/8/9/16/25/36
Privacy Masking	4 rectangular zones (each camera)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Video Detection and Alarm

Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis
Alarm input	8/16
Relay Output	6 channel

Playback and Backup

Playback	1/4/9/16
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
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
Backup Mode	USB Device/Internal SATA burner/Network

Storage

Internal HDD	8 SATA Ports, up to 8 TB capacity for each disk
eSATA	1

Auxiliary Interface

USB	4 USB Ports (2USB 2.0 , 2 USB 3.0)
RS232	1 Port, for PC communication & Keyboard
RS422	1 Port, for PTZ Control
RS485	1 Port, for PTZ Control

Audio and Video

HDCVI Camera Input	8/16 Channel
IP Camera Input	up to 64 Channel, each channel up to 12MP
Audio In/Out	8/16 Channel input,1 Channel output, BNC
Two-way Talk	1 MIC IN,1 MIC OUT, BNC(independent)

Recording

Compression	H.264+/H.264
Resolution	1080P, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
Record Rate	Main stream: 1080P/720P/960H/D1/HD1/BCIF/CIF/QCIF (1/16~25/30fps) Sub stream:960H/D1/CIF/QCIF(1/16~25/30fps)
Bit Rate	Main stream: 1024~ 8192 Kb/S Per Channel Sub stream:16~ 320Kb/S Per Channel
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

Network

Interface	2 RJ-45 Port (1000M)
Network Function	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
Interoperability	ONVIF 2.42, CGI Conformant

Electrical

Power Supply	AC 100~240V,50/60HZ
Power Consumption	<40W (Without HDD)

Environmental

Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 0~ 90% RH
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F) , 0~ 90% RH

Construction

Dimensions	2 U, 444mm×460mm×96mm
Net Weight	10 kg (without HDD)
Gross Weight	11.24 kg (without HDD)
Installation	Desktop installation/Rack installation

Certifications

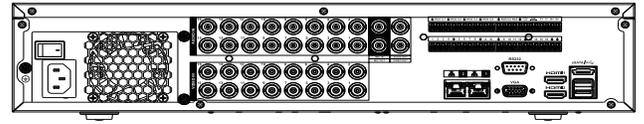
Certifications	FCC: 47 CFR PART 15 SUBPART B, 2015
	CE: EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
	UL 60950-1 and CAN/CSA C22.2 No. 60950-1-07

Ordering Information

Type	Part Number	Description
8/16/ Channel URH-S3	DHI-HCVR8808S-URH-S3	8 Channel Quadri-brid 1080P-Ultra 2U Digital Video Recorder
	DHI-HCVR8816S-URH-S3	16 Channel Quadri-brid 1080P-Ultra 2U Digital Video Recorder

Rear Panel

DHI-HCVR8808S-URH-S3 DHI-HCVR8816S-URH-S3



Dimensions (mm)

