

## HD-NVR-5648H8-4K



### Product Features

- 80CH Support 12MP/ 8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P IP input
- Adopt standard H.265 and H.264 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphic User Interface ( GUI ), Windows style operation by mouse,4K Output True High Resolution Display
- Multi-mode recording: manual / timed / motion / sensor / POS / AI recording
- Playback :16 CH simultaneous playback
- Search : time slice, time, event ( manual, sensor, motion ), tag search
- Express and flexible backup via USB, network and so on
- Pentaplex : POS information overlay on live view / playback preview, record, playback, backup and remote access]
- Support RAID0, 1, 5, 6, 10
- DHCP, DDNS, PPPoE network protocol and CMS supported
- Remote control via IE or CMS : preview, playback, backup, PTZ and configuration
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device,
- Multi-user online simultaneously, Authorization management, log view and device status view.
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QRCode scanning by mobile phone and PAD
- Powerful smart phone & Pad surveillance with iOS and Andriod OS



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## Specifications:

### SYSTEM

Compression	H.265 Standard
OS	Embedded Linux
Main Processing Chip	ARM Cortex A17

### VIDEO

Incoming Bandwidth	640Mbps
Outgoing Bandwidth	640Mbps
Input Resolution	12MP/8MP/6MP/5MP/4MP/3MP/ 720P/960H/D1/CIF
Network Access	80 CH IPC Input
Output	HDMI×1: 3840×2160/1920×1080/1280×1024 1920×1080/1280×1024 HDMI×2: 1920×1080/1280×1024/ 1024 × 768 HDMI×3: 1920×1080/1280×1024/ 1024 × 768 HDMI×4: 1920×1080/1280×1024/ 1024 × 768 VGA×1:1920×1080/1280×1024

### AUDIO

Input	80 CH IPC audio input
2-way Audio	RCA ×1
Local Output	RCA ×1

### RECORD

Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/ 960P/ 720P/960H/D1/CIF
Frame Rate	25fps/30fps (PAL/NTSC)
Bite Stream	32Kbps-20Mbps
Image Quality	5 Level
Mode	Manual/timed/motion/sensor/POS/AI recording

### PLAYBACK

Simultaneous Playback	Max 16 CH
Search	Time Slice/Time/Event/Tag Search
Smart Search	Highlighted Color to Display the Camera record in a Certain Period of Time, Different Color refer to Different Record Events.
Function	Play, Pause, FF ,FB, Digital Zoom,etc

### DECODING CAPABILITY

Live/Playback	1CH 12MP/ 4CH 5MP/9CH 720P/16CH 720P
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## SMART

VCA Detection

Face detection, LPR, Intrusion detection, Cross line detection  
Audio detection, Defocus detection, Object Left, Missing  
Object, Scene change detection, Auto tracking.

VCA Search

Face search, Behavior search, Face Map, Bar graph

Face Picture Database

32 libraries 10000 Face Pictures

## NETWORK

Network Protocol

TCP / IP, IPv4, IPv6, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP,  
HTTP, HTTPS, 802.1x, SNMP, RTP, RTSP, RTCP, FTP, ONVIF

Web Client

Multiple user online.

## MOBILE DEVICE

OS

iOS/Android

## STORAGE

HDD

SATA×8, max 16TB per HDD, e-SATA×1

RAID TYPE

RAID 0,1,5,6,10

## BACK UP

Local Backup

U Disk, USB Mobile HDD

Network Backup

Yes

## INTERFACE

Mode

Manual, Sensor, Motion, Exception

Input

16 CH Local alarm Input

Output

4 CH

Serial Port

1x RS485 (full-duplex), connect to PTZ or keyboard

Network Interface

RJ45 10/100/1000 Mbps × 2

USB

USB 2.0 × 2, USB 3.0 × 1

Reset

Yes

## GENERAL

Power Supply

ATX 200W

Consumption

≤50W (without HDD)

Work Environment

-15~55 °C, 10%~90% humidity

Dimensions(mm)

437mm×483mm×143mm (W × D × H)



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