HD-NVR-4324H4-4K

Product Features :

≥ Support 40CH /12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF IP input

≥ H.265S/H.265+/H.265/H.264 coding

≥ Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse

≥ Multi-mode recording: manual / timer / motion / sensor/ POS / AI recording

≥ Playback : 16 CH simultaneous playback

≥ Search: time slice, time, event, tag, smart search

≥ Support face detection and comparison

≥ Support multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.

≥ Support license plate recognition

≥ Support POS information overlay on live view and playback

≥ Support RAID 0, 1, 5, 6, 10

≥ Pentaplex : preview, record, playback, backup and remote access

≥ DHCP, DDNS, PPPoE network protocol

≥ Remote control via Web Client 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

≥ 4K output, true high resolution display

≥ Support PTZ preset and auto cruise, up to 255 presets and 8 cruises

≥ Support NAT function and QR Code scanning by mobile phones

≥ Powerful mobile surveillance by smart phones with iOS and Android OS

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Specifications :

SYSTEM

OS	Embedded Linux

VIDEO

IP Video Input	40 CH IPC input
Incoming Bandwidth	192Mbps
Outgoing Bandwidth	192Mbps
Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/ 1280x1024/960P/720P/960H/D1/CIF
Output	HDMI : 3840× 21601920 × 1080/1280× 1024 × 768
	HDMI2 : 1920 × 1080 / 1280 × 1024 / 1024 × 768
	VGA ×1 / 1280 × 1024 × 768
	VGA and HDMI1 output the same video source
Compression	H.265S / H.265+ /H.265 /H.264

AUDIO

Network Input	40 CH
Local Input	RCA×1 (for two-way talk
Local Output	RCA×1
HDMI Audio Output	Support
Compression	G.711 (U/A)

RECORD

Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/ 1280x1024/960P/720P/960H/D1/CIF
Frame Rate	NTSC: 30fps; PAL: 25fps

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*Design and specification are subject to change without notice

PLAYBACK

Simultaneous Playback	16 CH
Search	Time slice / time / event / tag /smart search
Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
Function	Play, pause, FF, FB, digital zoom, etc

DECODING CAPABILITY

Live View/Playback	1CH 12MP/4CH 1080P

MULTI-SCREEN DISPLAY MODE

Mode	Dual output mode (default mode): supports HDMI2 output, but doesn't support AI by device AI mode: HDMI2 output and 12MP video input (live view/playback) are unavailable, but 8MP video input supports

ALARM

Mode	Manual, sensor, motion, exception, smart events, etc.
Input	16 CH local alarm input
Output	8CH
Triggering	Record, snapshot, preset, e-mail, etc.

FACE RECOGNITION

Face Detection Performance (AI by IPC)	40CH
Face Detection Performance (AI by Device)	2CH
Face Match Performance	6CH
Comparison Capability	18 pictures/second
Face Picture Database	32 libraries 10000 face pictures
Face Picture search	Search by picture is supported
Database Management	Add, modify, delete and search face pictures
Face Picture Adding	Add face pictures through APP, WEB and external import
Face Picture Comparison	Support allow list, block list and stranger match alarm
Track	Track display on a map
Statistical Graph of Information	Bar graph

Statistical Mode of Information	Statistics by day, week, month, quarter as well as customized time period

VIDEO STRUCTURE ANALYSIS

Human/Vehicle Classification	Yes

FUNCTION

Fisheye Access	Supports fisheye dewarping via Web Client and mobile APP Plate
Recognition	Yes

NETWORK

Interface	RJ45 1000Mbps ×2
Protocol	TCP / IP, IPv4, IPv6, RTP, RTSP, RTCP, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPs, 802.1x, SNMP, ONVIF, etc.
Client Connection	Max. 20 users access

MOBILE DEVICE

OS	iOS, Andriod

STORAGE

HDD Interface	SATA×4 max 16TB per HDD
E-SATA	Interface 2

BACKUP

Local Backup	U disk, USB mobile HDD
Network Backup	Yes

EXTERNAL INTERFACE

RS 485	Yes (full-duplex), connect to PTZ or keyboard
USB	USB 3.0 1 ; × USB 2.0 × 2
Remote Controller	Optional

ELECTRICAL

Power Supply	ATX-250W
Consumption	≤ 20W (without HDD)

ENVIRONMENTAL

Dimensions (mm)	440 × 390 × 70(W × D × H)
Working Environment	-10 ～ 50 ℃, 10% ～ 90% humidity