

HD-NVR-5440T



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 1: 3840× 2160/1920 × 1080/1280× 1024 × 768
HDMI 2 : 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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PLAYBACK

Simultaneous Playback

Search

Smart Search

16 CH

Time slice / time / event / tag /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



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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, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, RTSP, SNMP, ONVIF, etc.

Client Connection

Max. 20 users access

RAID

Support RAID 0, 1, 5, 6, 10

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 °C, 10% ~ 90% humidity



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