# 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

# 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/<br>1280x1024/960P/720P/960H/D1/CIF |
| Output | HDMI 1: 3840× 21601920 × 1080/1280× 1024 × 768<br>HDMI 2 : 1920 × 1080 / 1280 × 1024 / 1024 × 768<br>VGA ×1 / 1280 × 1024 × 768<br>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/<br>1280x1024/960P/720P/960H/D1/CIF |
| Frame Rate | NTSC: 30fps; PAL: 25fps |

## 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

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

## MULTI-SCREEN DISPLAY MODE

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|---|---|
| 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

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|---|---|
| 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

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|---|---|
| Local Backup | U disk, USB mobile HDD |
| Network Backup | Yes |

## EXTERNAL INTERFACE

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|---|---|
| RS 485 | Yes (full-duplex), connect to PTZ or keyboard |
| USB | USB 3.0 x 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 |