

## HD-NVR-7240T



### Product Features

- Support 40CH 16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF IPC Input
- H.265S/H.265+/H.265/H.264
- Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse
- Multi-type recording: manual / timed / motion / sensor / POS / AI recording
- Playback: 16 CH simultaneous playback
- Search: time slice, time, event, tag and 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
- Pentaplex: preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Compatible with third-party IPCs, such as ONVIF, etc.
- 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
- Support NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Andriod OS



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## Specifications :

### SYSTEM

OS Embedded Linux

### VIDEO

Compression H.265S/H.265+/H.265/H.264

IP Video Input 40CH IPC input

Resolution 16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/  
960P/ 720P/960H/D1/CIF

Network Bandwidth Incoming: 320Mbps  
Outgoing: 320Mbps

Output HDMI1: 3840 × 2160/1920 × 1080 / 1280 × 1024 / 1024 × 768  
HDMI2: 1920 × 1080 / 1280 × 1024 / 1024 × 768  
VGA 1: 1920 × 1080 / 1280 × 1024 / 1024 × 768

VGA and HDMI1 output the same video source  
Multi-screen Display Main output: 1/4/6/8/9/13/16/25/32/36 (live view)  
AUX output: 1/4/6/8/9 (live view)  
Max. 32+9CH local live view

### AUDIO

Network input 40 CH IPC audio input

2-way Audio RCA × 1

Local Input RCA × 1

Compression G.711 (U/A)

### RECORD

Resolution 16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/  
960P/720P/960H/D1/CIF

Frame Rate NTSC: 30fps; PAL: 25fps



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## PLAYBACK

Simultaneous Playback	Max 16CH
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	Non-AI Mode: 1×16MP@30fps/4×8MP@30fps/9×3MP@30fps/ 16×2MP@30fps AI Mode:1×16MP@30fps/4×6MP@30fps/9×3MP@30fps/ 16×720P@30fps
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## ALARM

Mode	Manual, sensor, motion, exception, smart events, etc.
Input	8 CH local alarm input
Output	4 CH
Triggering	Record, snap, preset, e-mail, etc.

## FACE

Face Detection Performance (AI by IPC)	40CH
Face Detection Performance (AI by Device)	2 CH (2MP)
Face Match Performance	6 CH
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



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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

### PERIMETER PROTECTION

Human/Vehicle Classification (AI by IPC)	40 CH
Human/Vehicle Classification (AI by Device)	2CH (2MP)

### VIDEO METADATA

Human/Vehicle Attribute Analysis (AI by IPC)	Yes
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### OTHER FUNCTIONS

Fisheye	Supports fisheye dewarping via NVR/Web Client/mobile APP
Plate Recognition (AI by IPC)	Yes

### NETWORK

Interface	2 x RJ45 1000Mbps
Protocol	TCP / IP, HTTP, HTTPS, 802.1X, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, IPv4, UDP, WebSocket, PPPoE, SNMP, IGMP
Client Connection	Max. 128 users access



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### MOBILE DEVICE

OS iOS, Andriod

### STORAGE

HDD Interface SATA × 2, max 10T for each HDD

### BACKUP

Local Backup U disk, USB mobile HDD

Network Backup Yes

### EXTERNAL INTERFACE

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

USB USB 3.0 × 1; USB 2.0 × 2

Remote Controller Optional

### GENERAL

Power Supply DC12V/4A

Consumption ≤ 20W (without HDD)

Dimensions (mm) 380 × 268 × 48.1 (W × D × H)

Working Environment -10 ~ 50 °C, 10% ~ 90% humidity



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