

## HD-NVR-716160T



### Product Features

- Support 160CH 16MP/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 / timed / motion / sensor/ POS / AI recording
- Playback: 16 CH simultaneous playback
- Search: time slice, time, event, tag, smart and target database search
- Support face detection and comparison
- Support multiple VCA (Video Content Analytics) events, such as region intrusion, tripwire, etc.
- Support OS information overlay on live view and playback
- Support RAID 0, 1, 5, 6, 10
- Express and flexible backup via USB, network and so on
- Preview, record, playback, backup and remote access are supported
- DHCP, DDNS, PPPoE network protocol, etc.
- Compatible with third-party IPCs, such as ONVIF, etc.
- Remote control via Web Client or CMS: preview, playback, backup, PTZ and configuration
- Multi-user online simultaneously
- Authorization management, log view and device status view
- 8K output, true high resolution display
- Support PTZ preset and auto cruise
- Support NAT function and QR Code scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Android OS



An ISO 9001:2008 Certified Company

## Specifications :

### SYSTEM

OS Embedded Linux

### VIDEO

IP Video Input 160 CH

Network Bandwidth Incoming: 768Mbps

Outgoing: 768Mbps

Resolution 16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/  
960P/720P/960H/D1/CIF

Output HDMI1: 7680x4320@60, 7680x4320@30, 3840x2160@60,  
3840x2160@30, 1920x1080, 1280x1024, 1024x768 (When the  
resolution of HDMI1output is 8K, HDMI2 is unavailable and the  
maximum resolution of HDMI3 output is 1920x1080)

HDMI2: 3840x2160@60, 3840x2160@30, 1920x1080,  
1280x1024, 1024x768

HDMI3: 3840x2160@60, 3840x2160@30, 1920x1080,  
1280x1024, 1024x768

HDMI4: 1920x1080, 1280x1024, 1024x768

VGAx1: 1920x1080, 1280x1024, 1024x768 (VGA and HDMI1  
output the same video source)

Multi-screen Display Main output: 1/4/6/8/9/13/16/25/32/36/64

AUX output 1: 1/4/6/8/9/13/16/25/32/36

AUX output 2: 1/4/6/8/9/13/16

AUX output 3: 1/4/6/8/9/13/16

Max. 132 (64+36+16+16)

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



An ISO 9001:2008 Certified Company

### AUDIO

Network input	160 CH
Local Input	RCA×1 (for two-way talk)
Local Output	RCA×1
HDMI Audio Output	Support
Compression	G.711(U/A)

### RECORD

Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/ 960P/720P/960H/D1/CIF
Frame Rate	N:30fps; P:25fps

### PLAYBACK

Simultaneous Playback	16CH
Search	Time slice/time/event/tag/smart search
Function	Play, pause, FF, Rewind, digital zoom, previous frame, next frame, etc.

### DECODING CAPABILITY

Live View/ Playback	Non-AI mode (default mode): 1×16MP@30fps/4×16MP@30fps/ 9×6MP@30fps /16×4MP@30fps /36×720P@30fps (AI by device not supported) AI Mode: 1×16MP@30fps/4×12MP@30fps/9×5MP@30fps/ 16×3MP@30fps/36×720P@30fps (AI by device supported)
---------------------	--

### ALARM

Mode	Manual, sensor, motion, exception, smart events, etc.
Input	24CH
Output	8CH
Triggering	Record, snapshot, preset, e-mail, etc.



An ISO 9001:2008 Certified Company

## FACE

Face Detection Performance (AI by IPC)	160 CH
Face Detection Performance (AI by Device)	4CH(4MP)
Face Match Performance	16CH
Comparison Capability	36 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	Supports successful face recognition alarm 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)	160 CH
Human/Vehicle Classification (AI by Device)	8CH (2MP)

## VIDEO METADATA

Human/Vehicle Attribute Analysis (AI by IPC)	Yes
---	-----



An ISO 9001:2008 Certified Company

### OTHER FUNCTIONS

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

### NETWORK

Protocol	TCP/IP, HTTP, HTTPS, 802.1x, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, UDP, WebSocket, PPPoE, SNMP, IGMP
Interface	2 x RJ45 10/100/1000Mbps
Client Connection	Max. 128 users access

### MOBILE DEVICE

OS	iOS, Andriod
----	--------------

### STORAGE

HDD Interface	SATA×16 max 10TB per HDD
RAID Type	RAID 0,1,5,6,10
E-SATA Interface	2

### PORT

USB	USB 3.0×1, USB 2.0 ×3 (Front: 2)
RS485	Yes (full-duplex), connect to PTZ or keyboard
RS232	Yes
Reset	Yes

### GENERAL

Power	ATX-275W
Consumption	≤50W (without HDD)
Dimensions	437 ×483 ×143mm (W×D×H)
Working Environment	-10~50°C; Humidity: 10%~90%



An ISO 9001:2008 Certified Company