# UX-NVR3964E8-J

## 64CH 2U 8HDD 4K AI NVR

**AI Face Recognition Management NVR**

The AI face recognition management supports pre-configured face database, identifies stored faces from the face database list, and can be used for attendance management.



## Key Features

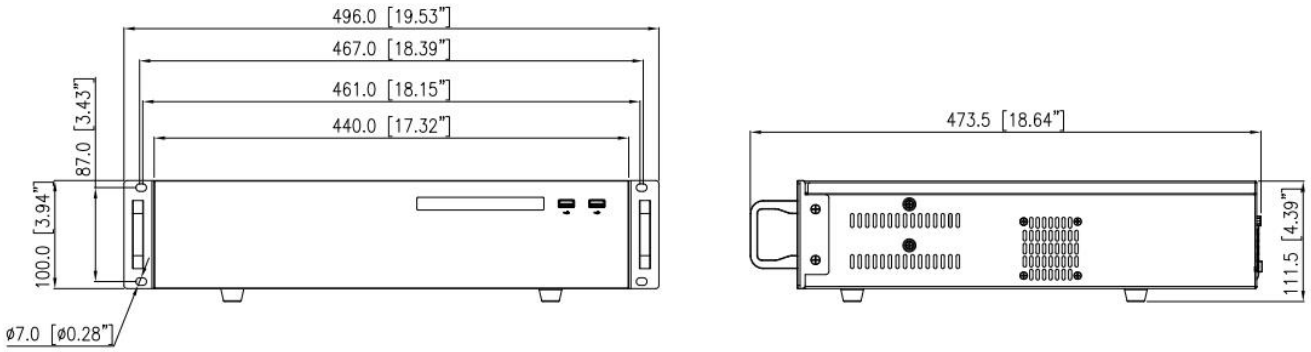
- Up to 64-ch IP cameras access
- Up to 400 Mbps incoming/outgoing bandwidth
- Up to 1-ch@12MP/4-ch@8MP/8-ch@4MP/16-ch@1080P/32-ch@D1 decoding capacity
- Support H.265+/H.265 and H.264+/H.264 decoding
- Support mask detection, face recognition and multi-objective recognition
- Supports some specialist cameras, including people counting camera, ANPR camera, fisheye camera, panoramic camera and thermal camera
- Support fisheye Dewarping and VCA alarm linkage
- Up to 4-ch perimeter protection
- Support 2 HDMI and 1 VGA interface
- Support RAID 0/1/5/6/10 and N+1 hot spare

# Specification

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|---|---|
| **Video Input** | |
| IP Camera Input | 64 Channel |
| Incoming Bandwidth | 400Mbps |
| Outgoing Bandwidth | 400Mbps |
| **Video Output** | |
| HDMI 1 Output | 3840 × 2160, 1920 × 1080, 1280 × 1024, 1024 × 768 |
| HDMI 2 Output | 1920 × 1080, 1280 × 1024, 1024 × 768 |
| VGA Output | 1920 × 1080, 1280 × 1024, 1024 × 768 |
| Different Source Output | Support |
| Decoding Capacity | 1ch 12MP, 4ch 8MP, 8ch 4MP, 16ch 1080P, 32ch D1, 64ch D1 |
| Dual Stream | Support |
| Multi-screen Display | 1st Screen: 1/4/8/9/16/32/36/64<br>2nd Screen: 1/4/8/9/16 |
| **AI Recognition** | |
| Face Comparison | Real-time captured and display faces comparison results (registrant (name and ID), stranger, channel, similarity) |
| Multi-objective | Real-time captured and display vehicle, human body, non-motor vehicle, license plates image, and faces comparison results (registrant, stranger, channel, similarity) |
| Smart Search | Time, Properties, Pictures, License plate |
| Trigger Events | Buzzer, Alarm push, Alarm prompt, Email, Alarm Out, Compare the result simultaneously, etc. |
| **Recoding** | |
| Resolution | 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc. |
| Recording Mode | Manual, Schedule (Regular, Continuous), Event |
| Trigger Events | Motion Detection, Video Loss, Alarm in, IVS |
| **Playback and Backup** | |
| Sync Playback | 16/9/4/1 |
| Search Mode | Time /Date, Alarm, Picture grid, Event |
| Backup Mode | USB Device, Network, eSATA |
| **Alarm** | |
| General Alarm | Motion Detection, Video Loss, Alarm in, Alarm out |
| Intelligent UXmind Analysis (By Camera) | Smoking Detection, Smoke and Fire Detection, Fire Spot Detection, Intrusion, Single Line Crossing, Double Line Crossing, Loitering, Wrong-way, Illegal Parking, People Counting, Smart motion detection, Enter Area, Leave Area, etc. |
| Abnormal Alarm | Disk Alarm, IP Address Conflict, Network Disconnect |

| | |
|---|---|
| Intrusion Detection (By NVR) | 4-ch, support the accurate detection of human and vehicle |
| **Network** | |
| Network Function | HTTP, HTTPS, TCP/IP, IPv4, IPv6, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, FTP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3G/4G, PPPoE |
| Remote Users | 8 users |
| P2P | Support |
| Interoperability | ONVIF, SDK, CGI |
| **Storage** | |
| ANR | Support |
| Disk Group | Support |
| RAID | RAID 0, RAID 1, RAID 5, RAID 6, RAID 10 |
| **Interface** | |
| HDD Interface | 8 SATA interfaces, up to 16TB capacity for each disk |
| Network Interface | 2 × RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port |
| eSATA | 1 eSATA Interface |
| HDMI | 2 |
| VGA | 1 |
| Audio In/Out | 1/1 |
| Alarm In/Out | 16/6 |
| USB Interface | Front panel: 2 × USB 2.0, Rear panel: 2 × USB 3.0 |
| RS-485 Interface | 1 |
| RS-232 Interface | 1 |
| Reset Button | On-board reset button |
| **General** | |
| Power Supply | 100 to 240VAC |
| Power Consumption | < 15 W (without HDD) |
| Operating Conditions | -10 °C to 50 °C (14 °F to 122 °F) |
| Storage Conditions | Less than 90% RH |
| Certifications | CE/FCC |
| Dimensions | 440 × 426 × 111.5 mm (17.32 × 16.77 × 4.39 inch) |
| Net Weight | 7.3kg (16.09lb) without HDD |

## Dimensions (mm)

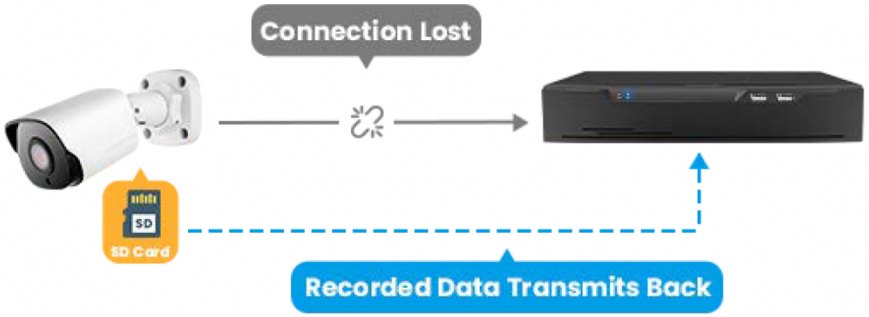



## Rear Panel




## ANR (Automatic Network Replenishment)

**ANR (Automatic Network Replenishment) function can store video data on the camera storage card when network between IPC and NVR is disconnected. After recovery of the network, the NVR automatically retrieves the video data stored on the camera.**




**NDAA Compliant Product**

The John S. McCain National Defense Authorization Act (NDAA) for Fiscal Year 2019 was signed into law on August 13, 2018. The law, specifically Section 889, amongst other things prohibits federal agencies, their contractors. and grant or loan recipients from procuring or using “telecommunications and video surveillance equipment or services” from specific Chinese companies as a “substantial or essential component of any system, or as critical technology as part of any system.” The NDAA ban also extends to other manufacturers in cases in which the video surveillance cameras or systems from the specified vendors are offered under another manufacturer. Some Chinese banned manufactures are: ZTE Corporation, Dahua Technology Company, Huawei Technologies Company, Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company.
For more information visit:
https://www.federalregister.gov/documents/2020/07/14/2020-15293/federal-acquisition-regulation-prohibition-on-contracting-with-entities-using-certain

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