

## 32-ch 1.5U 16 POE MD2.0 4K NVR LTN8932EDV-P16



- Up to 32-ch DeepVision and Direct Search function
- Adopt MD2.0 technology to minimize manual effort and security costs
- Accurate perimeter protection helps detect potential intrusions while effectively reducing false alarms
- Automatic camera connection and configuration simplify installation and help reduce setup time
- Up to 4-ch@12 MP or 6-ch@8 MP or 12-ch@4 MP or 24-ch@1080p decoding capacity,
- Up to 32-ch IP camera inputs, plug & play with 16 Power-over-Ethernet (PoE) interfaces
- Up to 256 Mbps incoming bandwidth
- H.265/ H.265+/H.264/H.264+ video formats
- Up to 4-ch IP speakers can be connected

## ▪ Function

### Smart Function

- 1-ch video analysis for human and vehicle recognition to reduce false alarm
- 1-ch facial recognition for video stream, or 2-ch facial recognition for face picture
- Smart search for the selected area in the video, and smart playback to improve the playback efficiency

### Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Adopt stream over TLS encryption technology which provides more secure stream transmission service

### HD Video Output

- Provide independent HDMI and VGA outputs
- HDMI video output at up to 4K resolution

### Storage and Playback

- Up to 4 SATA interfaces for HDD connection (up to 16 TB)
- 16-ch synchronous playback

### Network & Ethernet Access

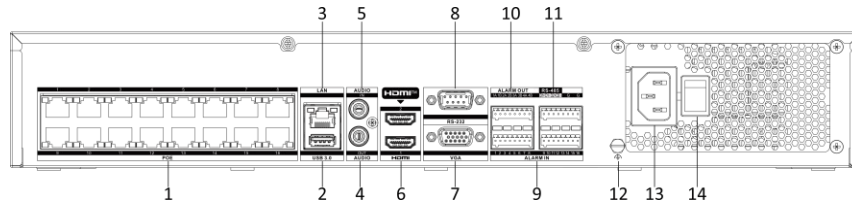
- 2 self-adaptive 10/100/1000 Mbps Ethernet interface
- LTS Connect for easy network management



## ▪ Specification

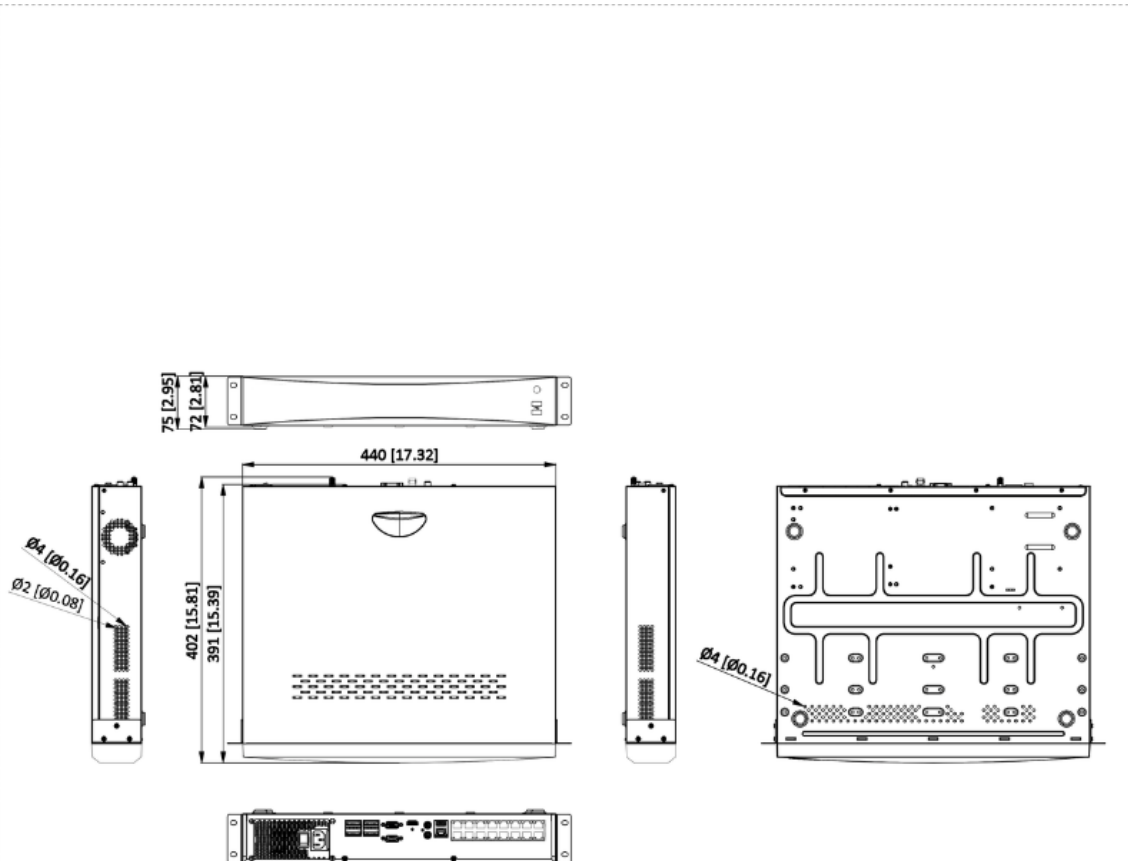
| Intelligent Analytics                      |                                                                                                                                                                       |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AI by NVR                                  | Facial recognition, perimeter protection, motion detection 2.0, Direct Search, DeepVision                                                                             |
| AI by Camera                               | Facial recognition, perimeter protection, motion detection2.0, ANPR, VCA                                                                                              |
| Direct Search                              |                                                                                                                                                                       |
| By Camera                                  | All channels<br>Note: The camera should enable Direct Search function                                                                                                 |
| DeepVision                                 |                                                                                                                                                                       |
| Performance                                | If the cameras support MD2.0 Technology and have enabled Direct Search function, the NVR supports DeepVision in all channels, capable of modeling 50,000 targets/day. |
| Search Language                            | English                                                                                                                                                               |
| Facial Recognition                         |                                                                                                                                                                       |
| Facial Detection and Analytics             | Face picture comparison, human face capture, face picture search                                                                                                      |
| Face Picture Library                       | Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture ≤ 1 MB, total capacity ≤ 800 MB)                                              |
| Facial Detection and Analytics Performance | Up to 4 MP: 2-ch;<br>8 MP to 5 MP: 1-ch                                                                                                                               |
| Face Picture Comparison                    | 8-ch                                                                                                                                                                  |
| Motion Detection 2.0                       |                                                                                                                                                                       |
| By NVR                                     | All channels, up to 4 MP (when enhanced SVC mode is enabled, up to 8 MP) video analysis for human and vehicle recognition to reduce false alarm                       |
| By Camera                                  | All channels                                                                                                                                                          |
| Perimeter Protection                       |                                                                                                                                                                       |
| By NVR                                     | Video analysis (HD network camera, H.264/H.265) for human and vehicle recognition to reduce false alarm.<br>Up to 4 MP: 2-ch;<br>8 MP to 5 MP: 1-ch                   |
| By Camera                                  | All channels                                                                                                                                                          |
| Video and Audio                            |                                                                                                                                                                       |
| IP Video Input                             | 32-ch                                                                                                                                                                 |
| IP Speaker Input                           | 4-ch                                                                                                                                                                  |
| Incoming Bandwidth                         | 256 Mbps                                                                                                                                                              |
| Outgoing Bandwidth                         | 100 Mbps                                                                                                                                                              |
| HDMI Output                                | 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz                            |
| VGA Output                                 | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz                                                                                                             |
| Video Output Mode                          | HDMI/VGA independent output                                                                                                                                           |
| CVBS Output                                | N/A                                                                                                                                                                   |
| Audio Output                               | 1-ch, RCA (Linear, 1 KΩ)                                                                                                                                              |
| Audio Input                                | Two-Way Audio 1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input )                                                                                                      |
| Decoding                                   |                                                                                                                                                                       |
| Decoding Format                            | H.265, H.265+, H.264, H264+                                                                                                                                           |
| Recording Resolution                       | 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF                                                                                            |

|                            |                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Synchronous Playback       | 16-ch                                                                                                                                                                                                                                                                                                                                                                               |
| Decoding Capability        | AI on: 12-ch@1080p (30 fps)<br>AI off: 24-ch@1080p (30 fps)                                                                                                                                                                                                                                                                                                                         |
| Stream Type                | Video, Video & Audio                                                                                                                                                                                                                                                                                                                                                                |
| Audio Compression          | G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2                                                                                                                                                                                                                                                                                                                                           |
| <b>Network</b>             |                                                                                                                                                                                                                                                                                                                                                                                     |
| Remote Connection          | 128                                                                                                                                                                                                                                                                                                                                                                                 |
| API                        | ONVIF (profile S/G); SDK; ISAPI                                                                                                                                                                                                                                                                                                                                                     |
| Compatible Browser         | IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version                                                                                                                                                                                                                                                                                                               |
| Network Protocol           | TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, IP Portal, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS                                                                                                                                                                                                                                                                         |
| Network Interface          | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces                                                                                                                                                                                                                                                                                                                          |
| <b>PoE</b>                 |                                                                                                                                                                                                                                                                                                                                                                                     |
| Interface                  | 16, RJ-45 10/100 Mbps self-adaptive Ethernet interface                                                                                                                                                                                                                                                                                                                              |
| Power                      | ≤ 200W                                                                                                                                                                                                                                                                                                                                                                              |
| Standard                   | IEEE 802.3af/at                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Auxiliary Interface</b> |                                                                                                                                                                                                                                                                                                                                                                                     |
| SATA                       | 4 SATA interfaces                                                                                                                                                                                                                                                                                                                                                                   |
| Capacity                   | Up to 16 TB capacity for each HDD                                                                                                                                                                                                                                                                                                                                                   |
| Serial Interface           | 2 RS-485 (half-duplex), 1 RS-232                                                                                                                                                                                                                                                                                                                                                    |
| Alarm In/Out               | 16/4                                                                                                                                                                                                                                                                                                                                                                                |
| USB Interface              | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0                                                                                                                                                                                                                                                                                                                                   |
| <b>General</b>             |                                                                                                                                                                                                                                                                                                                                                                                     |
| GUI Language               | English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian, Vietnamese, Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic, Ukrainian, Kyrgyz, Brazilian Portuguese, Indonesian |
| Power Supply               | 100 to 240 VAC, 50 to 60Hz                                                                                                                                                                                                                                                                                                                                                          |
| Consumption                | ≤ 50 W (without HDD)                                                                                                                                                                                                                                                                                                                                                                |
| Working Temperature        | -10 °C to 55 °C (14 °F to 131 °F)                                                                                                                                                                                                                                                                                                                                                   |
| Working Humidity           | 10 to 90 %                                                                                                                                                                                                                                                                                                                                                                          |
| Dimension (W × D × H)      | 17.32 × 15.39 × 2.81 inch (440 × 391 × 72 mm)                                                                                                                                                                                                                                                                                                                                       |
| Weight                     | ≤ 11 lb (without HDD, 5 kg.)                                                                                                                                                                                                                                                                                                                                                        |



| Number | Description           | Number | Description      |
|--------|-----------------------|--------|------------------|
| 1      | Poe interfaces        | 8      | RS-232 interface |
| 2      | USB 3.0 interface     | 9      | ALARM IN         |
| 3      | LAN network interface | 10     | ALARM OUT        |
| 4      | AUDIO OUT             | 11     | RS-484 interface |
| 5      | AUDIO IN              | 12     | GND              |
| 6      | HDMI interface        | 13     | Power supply     |
| 7      | VGA interface         | 14     | Power switch     |

## ▪ Dimension



Unit:mm [inch]

SCALE 1:1