

## 16-ch PoE 1U MD2.0 4K NVR LTN6016D-P16



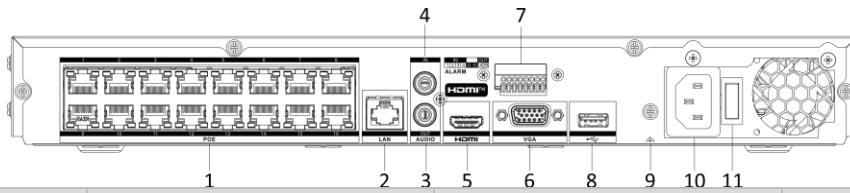
- Adopt MD2.0 technology to minimize manual effort and security costs
- Efficient playback with Direct Search technology
- Accurate perimeter protection effectively reduces false alarms
- Automatic cameras connection and configuration
- Up to 16-ch IP camera inputs, plug & play with 16 Power-over-Ethernet (PoE) interfaces
- H.265+/H.265/H.264+/H.264 video formats
- Up to 3-ch@12 MP or 5-ch@8 MP or 10-ch@4 MP decoding capacity
- Up to 160 Mbps incoming bandwidth

## ▪ Specification

| Model                        |                                            | LTN6016D-P16                                                                                                                                     |
|------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Intelligent Analytics</b> | AI by NVR                                  | Facial recognition, perimeter protection, motion detection 2.0, Direct Search                                                                    |
|                              | AI by Camera                               | Facial recognition, perimeter protection, motion detection 2.0, ANPR                                                                             |
| <b>Facial Recognition</b>    | Facial Detection and Analytics             | Face picture comparison, human face capture, face picture search                                                                                 |
|                              | Facial Detection and Analytics Performance | Up to 4 MP: 2-ch;<br>8 MP to 5 MP: 1-ch                                                                                                          |
|                              | Face Picture Comparison                    | 8-ch                                                                                                                                             |
|                              | Face Picture Library                       | Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture ≤ 1 MB, total capacity ≤ 1 GB)                           |
| <b>Direct Search</b>         | By Camera                                  | All channels<br>Note: The camera should enable Direct Search function                                                                            |
| <b>Motion Detection 2.0</b>  | 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                                                                                                                                     |
| <b>Perimeter Protection</b>  | 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; 5 MP to 8 MP: 1-ch |
|                              | By Camera                                  | All channels                                                                                                                                     |
| <b>Video and Audio</b>       | IP Video Input                             | 16-ch                                                                                                                                            |
|                              | IP Speaker Input                           | 4-ch                                                                                                                                             |
|                              | Incoming Bandwidth                         | 160 Mbps                                                                                                                                         |
|                              | Outgoing Bandwidth                         | 160 Mbps                                                                                                                                         |
|                              | Video Output Mode                          | HDMI/VGA independent output                                                                                                                      |
|                              | 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, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz                                                                      |
|                              | Audio Output                               | 1-ch, RCA (Linear, 1 KΩ)                                                                                                                         |
|                              | Two-Way Audio                              | 1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)                                                                                                |
| <b>Decoding</b>              | Decoding Format                            | H.265/H.265+/H.264/H.264+                                                                                                                        |
|                              | 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: 8-ch@4MP<br>AI off: 10-ch@4MP                                                                                                                                                                                                                                                                                                                          |
|                            | Stream Type            | Video, Video and 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     | IE 11, Chrome 91, Firefox 88, Safari 12, Edge 91, 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 interface                                                                                                                                                                                                                                                                                                    |
| <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                   | 2 SATA interfaces                                                                                                                                                                                                                                                                                                                                             |
|                            | Capacity               | Up to 16 TB capacity for each HDD                                                                                                                                                                                                                                                                                                                             |
|                            | Alarm In/Out           | 4/1                                                                                                                                                                                                                                                                                                                                                           |
|                            | USB Interface          | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0                                                                                                                                                                                                                                                                                                             |
| <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, Hebrew, Ukrainian, Indonesian |
|                            | Fan                    | Supports                                                                                                                                                                                                                                                                                                                                                      |
|                            | Power Supply           | 100 to 240 VAC, 50 to 60 Hz                                                                                                                                                                                                                                                                                                                                   |
|                            | Consumption            | ≤ 15 W (without HDD)                                                                                                                                                                                                                                                                                                                                          |
|                            | Working Temperature    | -10 °C to 55 °C (14 °F to 131 °F)                                                                                                                                                                                                                                                                                                                             |
|                            | Working Humidity       | 10% to 90%                                                                                                                                                                                                                                                                                                                                                    |
|                            | Dimension (W × D × H)  | 15.12 × 12.48 × 2.03 inch (384 mm × 317 mm × 52 mm)                                                                                                                                                                                                                                                                                                           |
|                            | Weight                 | ≤ 6 lb (without HDD, 3kg.)                                                                                                                                                                                                                                                                                                                                    |
| <b>Certification</b>       | CE                     | EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017                                                                                                                                                                                                                                                                                        |
|                            | Obtained Certification | CE,CB,REACH,WEEE,UKCA,RCM,IC                                                                                                                                                                                                                                                                                                                                  |

## Physical Interface



| No. | Description                          | No. | Description              |
|-----|--------------------------------------|-----|--------------------------|
| 1   | Network interfaces with PoE function | 7   | Alarm in/alarm out       |
| 2   | LAN network interface                | 8   | USB interface            |
| 3   | AUDIO OUT                            | 9   | GND                      |
| 4   | AUDIO IN                             | 10  | AC100V~240V power supply |
| 5   | HDMI interface                       | 11  | Power switch             |
| 6   | VGA interface                        |     |                          |

## Dimension

