LTN8916D-P16N

Platinum MD 2.0 / VCA NVR

- H.265+/H.265/H.264+/H.264 video formats
- Intelligent analytics based on deep learning algorithm
- Up to 4-ch VCA
- Up to 4-ch facial recognition for video stream
- Up to 8-ch facial recognition for face picture
- Up to 16-ch IP camera inputs
- Up to 32-ch 1080p decoding capability
- Up to 8-ch IP speakers can be connected

▪ Function

Compression and Recording

· H.265+ compression effectively reduces the storage space by up to 75%
· Full channel IP cameras connection
· Compatible to third-party network cameras

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
· 16-ch synchronous playback

Smart & POS Function

· Support multiple VCA (Video Content Analytics) events
· Smart search for the selected area in the video, and smart playback to improve the playback efficiency
· POS information overlay on live view and playback
· POS triggered recording and alarm

Network & Ethernet Access

· 1 self-adaptive 10/100/1000 Mbps Ethernet interfaces
· LTS Connect & DDNS (Dynamic Domain Name System) for easy network management

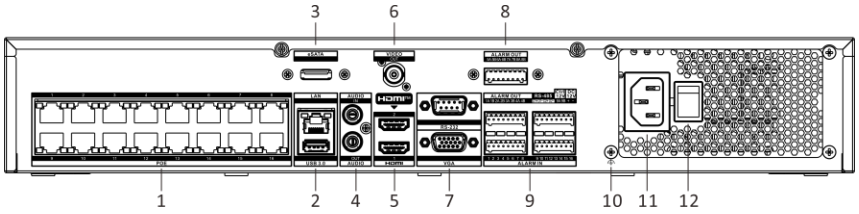
▪ Specification

Intelligent Analytics	
AI by NVR	Facial recognition, VCA, motion detection 2.0 * The NVR's built-in facial recognition feature cannot be used simultaneously with Direct Search or VCA.
AI by Camera	Facial recognition, VCA, video structuralization, throwing objects from building, motion detection 2.0, ANPR, people counting, VCA
Engine	1, engine mode is adjustable
Facial Recognition	
Facial Recognition Capabilities	Face picture comparison, human face capture, face picture search
Face Attributes	Wearing glasses, wearing a mask, facial expression, body temperature
Face Picture Library	Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture ≤ 512 KB, total capacity ≤ 1 GB)
Face Picture Comparison by camera (Captured from Camera)	MAX 8-ch, require a compatible face capture cameras
Facial Recognition and Analytics Performance by NVR	Supports human face capture with HD network camera: up to 4-ch at 1080P, 2-ch at 4MP, or 1-ch at 8MP (H.264/H.265 supported). * Performed without a compatible face capture camera
Motion Detection 2.0	
By NVR	All channels for Platinum cameras
By Camera	All channels
VCA	
By NVR	4-ch, 2 MP (H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm; Up to 12 rules in total
By Camera	All channels
ANPR	
By Camera	All channels
Vehicle Attributes	Plate number, license plate color, license plate type
Plate Attributes	Vehicle brand, vehicle color, vehicle type
Video and Audio	
IP Video Input	16-ch
Incoming Bandwidth	160 Mbps
Outgoing Bandwidth	256 Mbps
HDMI 1 Output	4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz
HDMI 2 Output	4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz
VGA Output	1920 × 1080/60 Hz
Video Output Mode	HDMI1/VGA simultaneous output, HDMI2 independent output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ)
Decoding	
Decoding Format	H.265+/H.265/H.264+/H.264

Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF 32MP/24MP/12MP/8MP/7MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF *: The NVR supports up to 4-ch 32 MP/24 MP IP video inputs.
Synchronous Playback	16-ch
Decoding Capability	Enable AI by NVR: 20-ch@1080p (30 fps) Disable AI by NVR: 32-ch@1080p (30 fps)
Dual-Stream Recording	Support
Stream Type	Video, Video & Audio
Live View Window Division	1/2/4/6/8/9/16
Aux Port Window Division	1/2/4/6/8/9/16
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2/PCM
Network	
Network Interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface 1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Remote Connection	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, ONVIF(Version 2.2), OTAP
API	ONVIF (profile S/G); SDK; ISAPI
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
Camera Access Protocol	ONVIF(Version 2.5), RTSP
PoE	
Interface	16, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤ 200 W
Standard	IEEE 802.3 af/at
Auxiliary Interface	
Serial Interface	2 RS-485 (half-duplex), 1 RS-232
SATA	4 SATA interfaces
eSATA	1 eSATA interface
Capacity	Up to 16 TB capacity for each disk
Alarm In/Out	16/9
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Ctrl 12V	Controllable 12 VDC, 0.5 A power output for external alarm device; The power will be turned on when the alarm output is triggered. *: The Ctrl 12V power is controlled by alarm output 9.
DC 12V	12 VDC, 1 A power output
General	
GUI Language	English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish Language, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian, Vietnamese, Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic, Ukrainian, Kyrgyz , Brazilian Portuguese, Indonesian, Hebrew
Power Supply	100 to 240 VAC, 50 to 60 Hz
Consumption	≤ 30 W (without HDD and PoE off)
Working Temperature	-10° C to 55° C (14° F to 131° F)

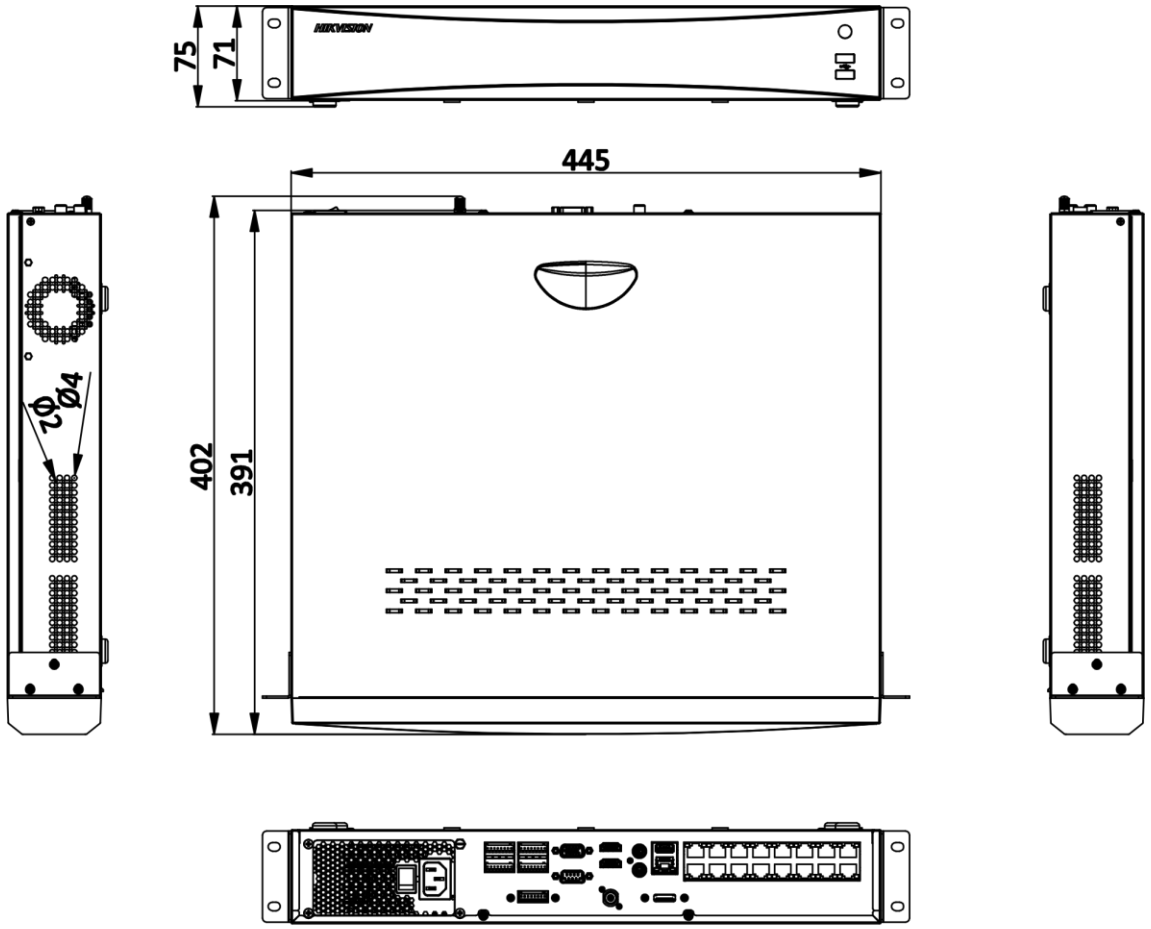
Working Humidity	10% to 90%
Chassis	19-inch rack-mounted 1.5U chassis
Dimension (W × D × H)	440 × 391 × 75 mm (17.3"× 15.4" × 3.0")
Weight	≤ 3.6 kg (without HDD, 7.9 lb.)
Certification	
Obtained Certification	CE, CB, REACH, WEEE, UKCA, LOA
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4

▪ Physical Interface



No.	Description	No.	Description
1	PoE interfaces	7	VGA and RS-232 interfaces
2	USB 3.0 and LAN interfaces	8	ALARM OUT
3	eSATA interface	9	ALARM IN, ALARM OUT, RS-485, Ctrl 12V, and DC 12V
4	Audio input and audio output	10	GND
5	HDMI 1 and HDMI 2 interfaces	11	100 to 240 VAC power supply
6	VIDEO OUT	12	Power switch

▪ Dimension



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