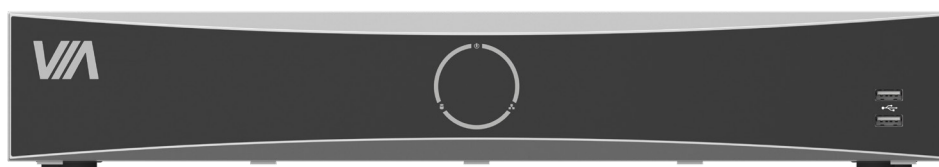


Network Video Recorder

VIA-NVR32P4K

The **VIA-NVR32P4K** is a professional-grade 32-channel Network Video Recorder engineered for reliable, high-definition video monitoring and extensive storage management.

The device integrates powerful decoding capabilities with 4 SATA interfaces supporting up to 16 TB capacity for each disk, enabling robust centralized video storage.

The NVR utilizes advanced H.265 and H.264 decoding formats to effectively manage storage space, alongside an independent 4K HDMI output for high-resolution viewing clarity.

It features built-in analytics functions, such as facial recognition, perimeter protection, and motion detection, while supporting seamless network data transmission with an input bandwidth of up to 256 Mbit/s.

Key Capabilities

- ✓ 32-channel IP camera input
- ✓ 256 Mbps incoming / 160 Mbps outgoing bandwidth
- ✓ 12 MP maximum recording resolution
- ✓ 4 SATA interfaces supporting up to 16 TB capacity per HDD
- ✓ 4K (3840 × 2160) maximum HDMI output resolution
- ✓ H.265 / H.264 video decoding format
- ✓ Intelligent analytics by device including facial recognition, perimeter protection, and motion detection

**H.265****Web Access****Mobile app****IP Cameras****USB Backup****Smart Search**

VIA Security

 **UKRAINIAN
BRAND**

SPECIFICATION

VIDEO AND AUDIO

IP Video Input
32-ch

Incoming Bandwidth
256 Mbps

Outgoing Bandwidth
160 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

Audio Output
1-ch, RCA (Linear, 1 KΩ)

Two-Way Audio
1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)

DECODING

Decoding Format
H.265/H.264

Recording Resolution
12MP/8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/CIF

Synchronous Playback
16-ch

Decoding Capability
AI on: 2-ch@12 MP (30 fps)/3-ch@8 MP (30 fps)/6-ch@4 MP (30 fps)/12-ch@1080p (30 fps) AI off: 2-ch@12 MP (30 fps)/4-ch@8 MP (30 fps)/8-ch@4 MP (30 fps)/16-ch@1080p (30 fps) Smooth Playback (HC) ON & AI ON: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/5-ch@4 MP (30 fps)/11-ch@1080p (30 fps) Smooth Playback (HC) ON & AI OFF: 2-ch@12 MP (30 fps)/3-ch@8 MP (30 fps)/7-ch@4 MP (30 fps)/15-ch@1080p (30 fps)

Stream Type
Video, Video & Audio

Audio Compression
G.711ulaw/G.711alaw/G.722/G.726/AAC

NETWORK & CYBERSECURITY

Remote Connection
128

API
ONVIF (profile S/G); SDK

Network Protocol
TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTP, HTTPS

Network Interface
2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces

Web Browser
IE11, Chrome V57+, Firefox V52+, Safari V12 +, Edge V89 +

AUXILIARY INTERFACE

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
16/9/16/4

USB Interface
USB 2.0 - 2 (front panel), USB 3.0 - 1 (rear panel)

INTELLIGENT ANALYTICS

AI by Device
Facial recognition, perimeter protection, motion detection

AI by Camera
Facial recognition, perimeter protection, throwing objects from building, motion detection, ANPR, VCA

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 20,000 face pictures in total (each picture ≤ 4 MB, total capacity ≤ 1 GB)

Facial Detection and Analytics Performance
1-ch, 8 MP

Face Picture Comparison
4-ch

MOTION DETECTION

By Camera

All channels

PERIMETER PROTECTION

By Device

2-ch,4 MP (HD network camera) video analysis for human and vehicle recognition to reduce false alarm

By Camera

All channels

GENERAL

GUI Language

Multi-language interface including English, Ukrainian, Russian and additional international languages.

Power Supply

100 to 240 VAC, 50 to 60Hz

Consumption

≤ 20 W (without HDD)

Working Temperature

-10 °C to 55 °C

Working Humidity

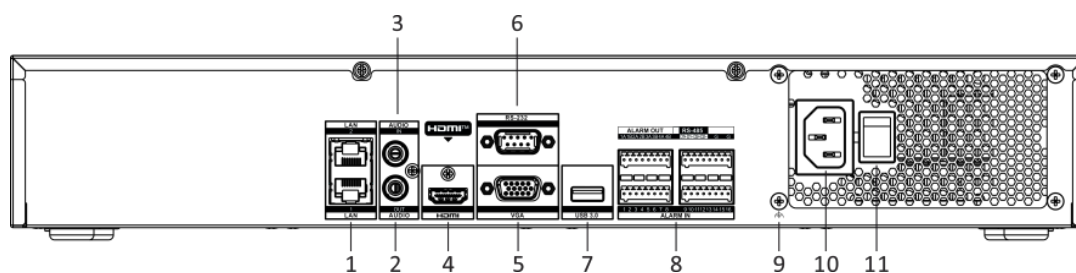
10% to 90%

Dimension (W × D × H)

445 × 400 × 75 mm (17.5"× 15.7" × 3.0")

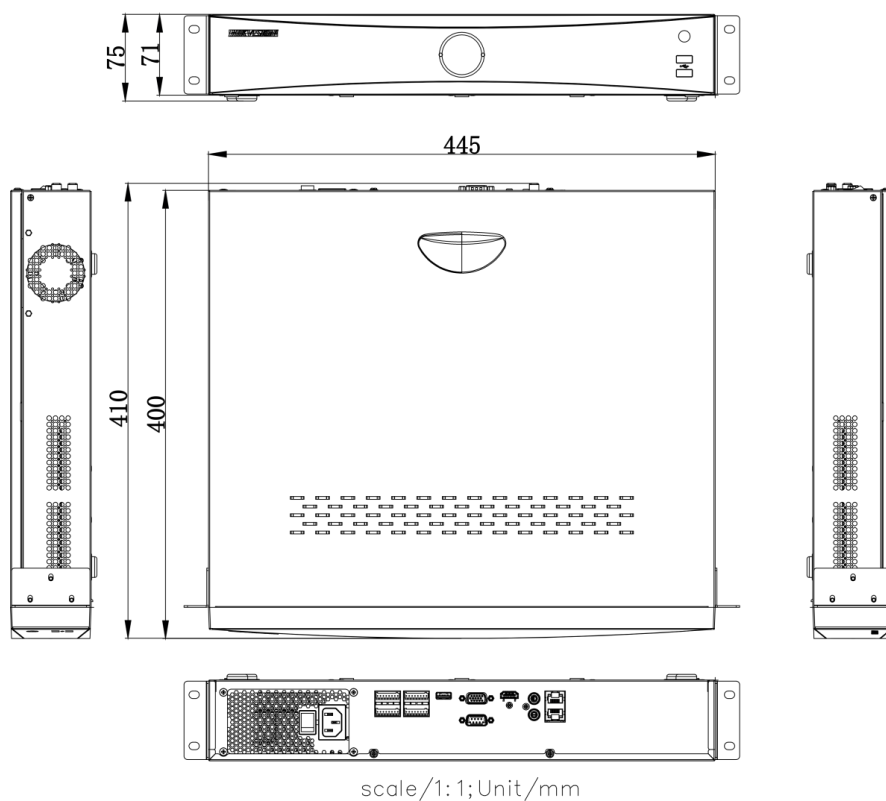
Weight

≤ 5 kg (without HDD, 11 lb.)



№	Опис	№	Опис
1	LAN 1 and LAN 2 interfaces	7	USB 3.0 interface
2	Audio in	8	Alarm in, alarm out and RS-485
3	Audio out	9	GND
4	HDMI interface	10	Power supply
5	VGA interface	11	Power switch
6	RS-232 serial interface		

DIMENSIONS



*Product in box may vary in appearance and specifications.



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