

Network Video Recorder

VIA-NVR64P4M

The **VIA-NVR64P4M** is a professional-grade 64-channel Network Video Recorder designed for reliable high-definition video monitoring and extensive storage management.

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

The NVR combines advanced H.265 compression to effectively reduce storage space by up to 75%, dual 4K HDMI outputs with up to 8K resolution support, and configurable smart VCA (Video Content Analytics) functions such as motion detection, line crossing, intrusion, and heat map.

The unit is engineered for secure and smooth high-bandwidth network transmission.

Key Capabilities

- ✓ 64-channel IP camera inputs
- ✓ 400 Mbps incoming / 400 Mbps outgoing bandwidth
- ✓ 32 MP maximum recording resolution
- ✓ 40-ch @ 1080p maximum decoding capacity
- ✓ 16-channel synchronous playback
- ✓ 4 SATA interfaces (up to 16 TB capacity per disk)
- ✓ 1 eSATA interface
- ✓ 8K maximum HDMI 1 output resolution
- ✓ 2 independent HDMI outputs (Dual 4K support)
- ✓ H.265 / H.264 video compression formats
- ✓ Smart VCA detection support including motion, line crossing, intrusion, and heat map

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

SPECIFICATION

VIDEO AND AUDIO

IP Video Input

64-ch, Up to 32 MP resolution,

*: After ultra HD resolution mode is enabled, the NVR supports up to 8-ch 32 MP/24 MP IP video inputs

Incoming Bandwidth

400 Mbps

Outgoing Bandwidth

400 Mbps

HDMI 1 Output

8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz

HDMI 2 Output

4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz,

*: When HDMI 1 output resolution is 8K, the maximum HDMI 2 output resolution is 1080p.

VGA Output

1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz

Video Output Mode

HDMI1/VGA simultaneous output, HDMI1/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, using the audio input)

DECODING

Decoding Format

H.265/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 *: After ultra HD resolution mode is enabled, the NVR supports up to 8-ch 32 MP/24 MP IP video inputs.

Synchronous Playback

16-ch

Decoding Capability

2-ch@32 MP (30 fps)+2-ch@8MP 30fps /10-ch@8 MP (30 fps)/20-ch@4 MP (30 fps)/40-ch@1080p (30 fps)

Dual-Stream Recording

Support

Stream Type

Video, Video & Audio

Audio Compression

G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2

NETWORK & CYBERSECURITY

Remote Connection

128

Network Protocol

TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTP, HTTPS, ONVIF (Version 2.2)

Network Interface

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

Camera Access Protocol

ONVIF (Version 2.5), RTSP

AUXILIARY INTERFACE

SATA

4 SATA interfaces

eSATA

1 eSATA interface

Capacity

Up to 16 TB capacity for each disk

Serial Interface

2 RS-485 (half-duplex), 1 RS-232

Alarm In/Out

16/9

USB Interface

Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0

Ctrl 12V

Controllable 12 VDC, 1 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

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%

Chassis

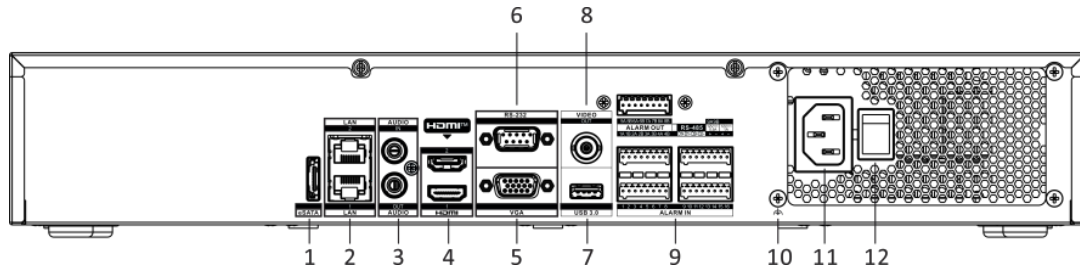
19-inch rack-mounted 1.5U chassis

Dimension (W × D × H)

440 × 389 × 72 mm (17.3" × 15.3" × 2.8")

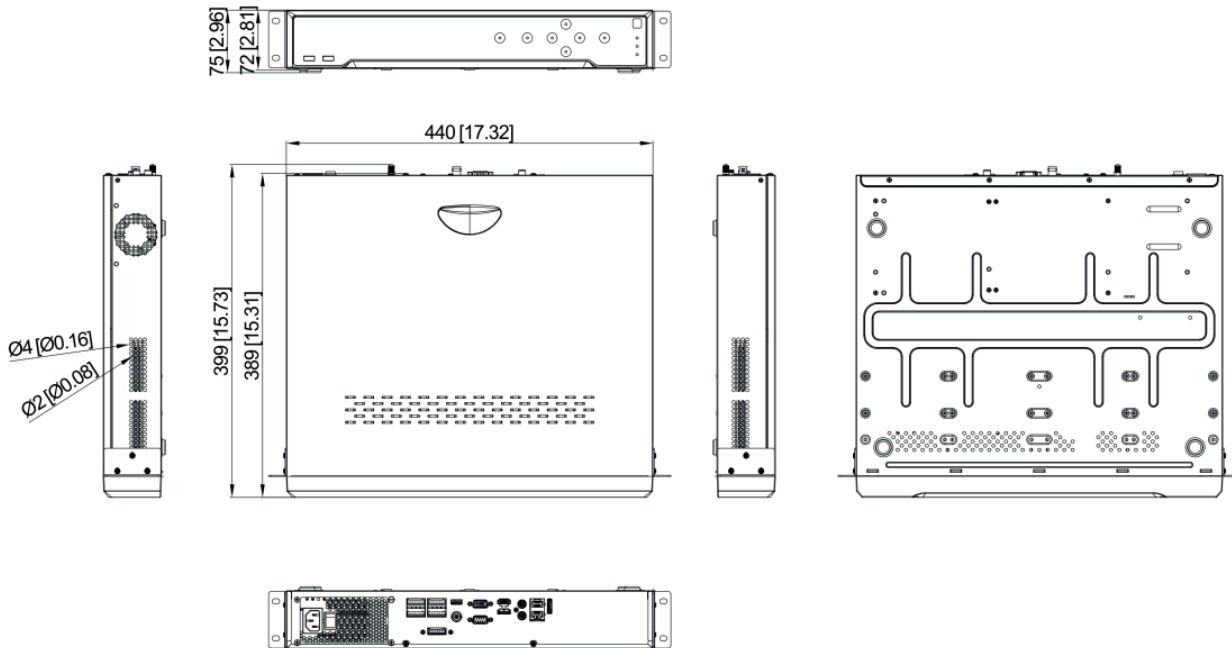
Weight

≤ 5 kg (without HDD, 11 lb.)



N°	Description	N°	Description
1	eSATA interface	7	USB 3.0 interface
2	LAN 1 and LAN 2 interfaces	8	CVBS video output
3	Audio in and audio out	9	Alarm in, alarm out, RS-485, Ctrl 12V and DC 12V
4	HDMI 1 and HDMI 2 Interfaces	10	GND
5	VGA output	11	100 to 240 VAC power supply
6	RS-232 serial interface	12	Power switch

DIMENSIONS



*Product in box may vary in appearance and specifications.



Limited liability company «VIATEK»

Email: info@viasecurity.ua
 For more detailed information: viasecurity.ua

**UKRAINIAN
BRAND**