

## Network Video Recorder

**VIA-NVR32P2M**

The **VIA-NVR32P2M** is a professional 32-channel network video recorder engineered for reliable, high-resolution video monitoring and efficient storage management.

The device integrates advanced H.265 video compression, effectively reducing storage requirements by up to 75% without compromising video quality.

Designed for robust performance, the unit supports up to two SATA hard drives for expansive storage and features a high-definition 8K HDMI output for exceptional viewing clarity.

The NVR ensures secure and intelligent operation by combining TLS stream encryption with configurable smart analytics, including VCA detection, ANPR, and people counting.

**Key Capabilities**

- ✓ 32-channel IP camera input
- ✓ 320 Mbps incoming / 400 Mbps outgoing bandwidth
- ✓ 40-ch @ 1080p maximum decoding capacity
- ✓ 32 MP maximum recording resolution
- ✓ 2 SATA interfaces supporting up to 16 TB capacity per HDD
- ✓ 8K (7680 × 4320) maximum HDMI output resolution
- ✓ 16-channel synchronous playback
- ✓ H.265 / H.264 video compression
- ✓ Smart VCA detection support including motion, line crossing, intrusion, heat map, ANPR, and people counting

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

# SPECIFICATION

## VIDEO AND AUDIO

### IP Video Input

32-ch, Up to 32 MP resolution, \*: The NVR supports up to 8-ch 32 MP/24 MP IP video inputs.

### Incoming Bandwidth

320 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

### VGA Output

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

### Video Output Mode

HDMI/VGA 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 \*: 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@8 MP (30 fps)/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

### Network Interface

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

## AUXILIARY INTERFACE

### SATA

2 SATA interfaces

### Capacity

Up to 16 TB capacity for each HDD

### Alarm In/Out

04/1

### USB Interface

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

## GENERAL

### Power Supply

12 VDC, 3.33 A

### Consumption

≤ 15 W (without HDD)

### Working Temperature

-10 °C to 55 °C (14 °F to 131 °F)

### Working Humidity

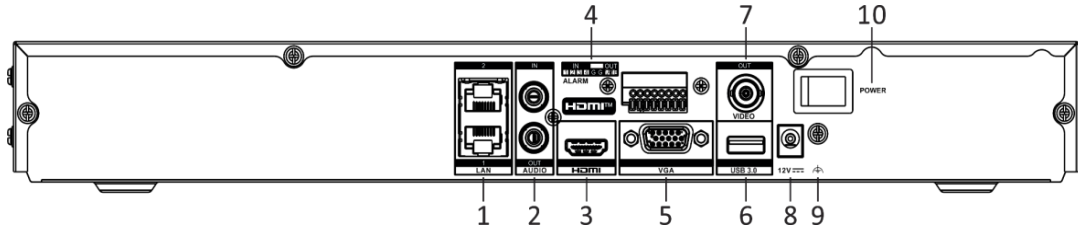
10% to 90%

### Dimension (W × D × H)

385 × 315 × 52 mm (15.2" × 12.4" × 2.0")

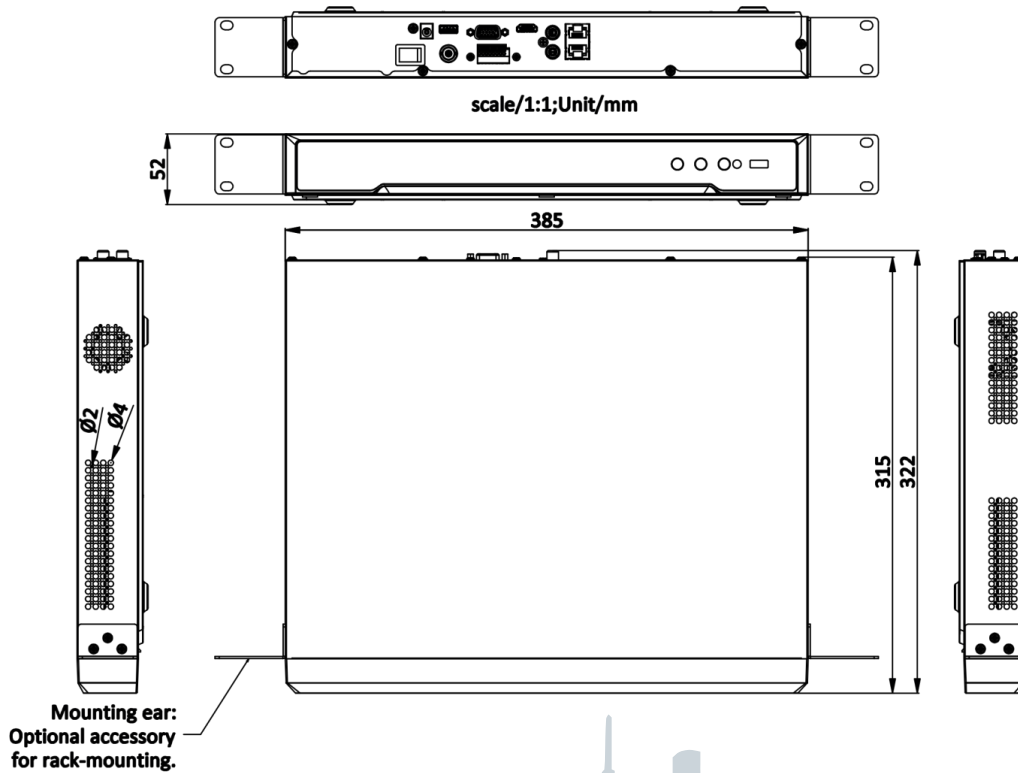
### Weight

≤ 3 kg (without HDD, 2.2 lb.)



N°	Description	N°	Description
1	LAN 1 and LAN 2 interfaces	6	USB 3.0 interface
2	Audio in and audio out	7	CVBS video output
3	HDMI interface	8	Power supply
4	Alarm in and alarm out	9	GND
5	VGA output	10	Power switch

## DIMENSIONS



\*Product in box may vary in appearance and specifications.

Limited liability company «VIATEK»

Email: [info@viasecurity.ua](mailto:info@viasecurity.ua)  
For more detailed information: [viasecurity.ua](http://viasecurity.ua)

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