

## Network Video Recorder

**VIA-NVR32P4M**

The **VIA-NVR32P4M** is a professional-grade 32-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, dual 4K HDMI outputs with up to 8K resolution support, and configurable smart VCA (Video Content Analytics) functions such as ANPR and people counting.

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

**Key Capabilities**

- ✓ 32-channel IP camera inputs
- ✓ 320 Mbps incoming / 400 Mbps outgoing bandwidth
- ✓ 32 MP maximum recording resolution
- ✓ 32-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
- ✓ 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, \*: After ultra HD resolution mode is enabled, 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

### HDMI 2 Output

4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, \*: When HDMI 1 output resolution is 8K, the maximum HDMI 2 output resolution is 1080p.

### VGA Output

1920 × 1080/60Hz

### Video Output Mode

HDMI1/VGA simultaneous output, HDMI2/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 \*: 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

### eSATA

1 eSATA interface

### SATA

4 SATA interfaces

### 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

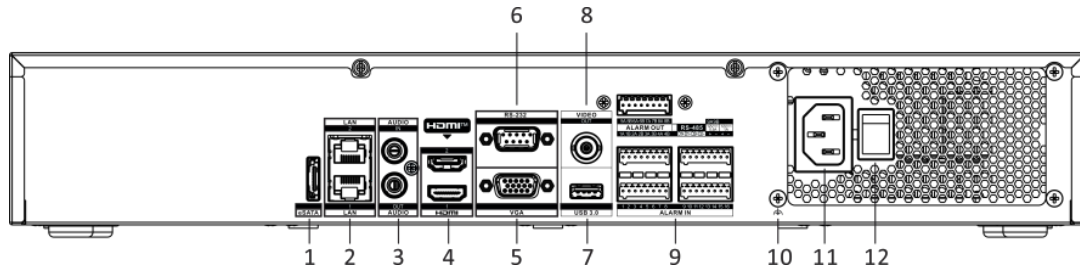
19-inch rack-mounted 1.5U chassis

### Dimension (W × D × H)

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

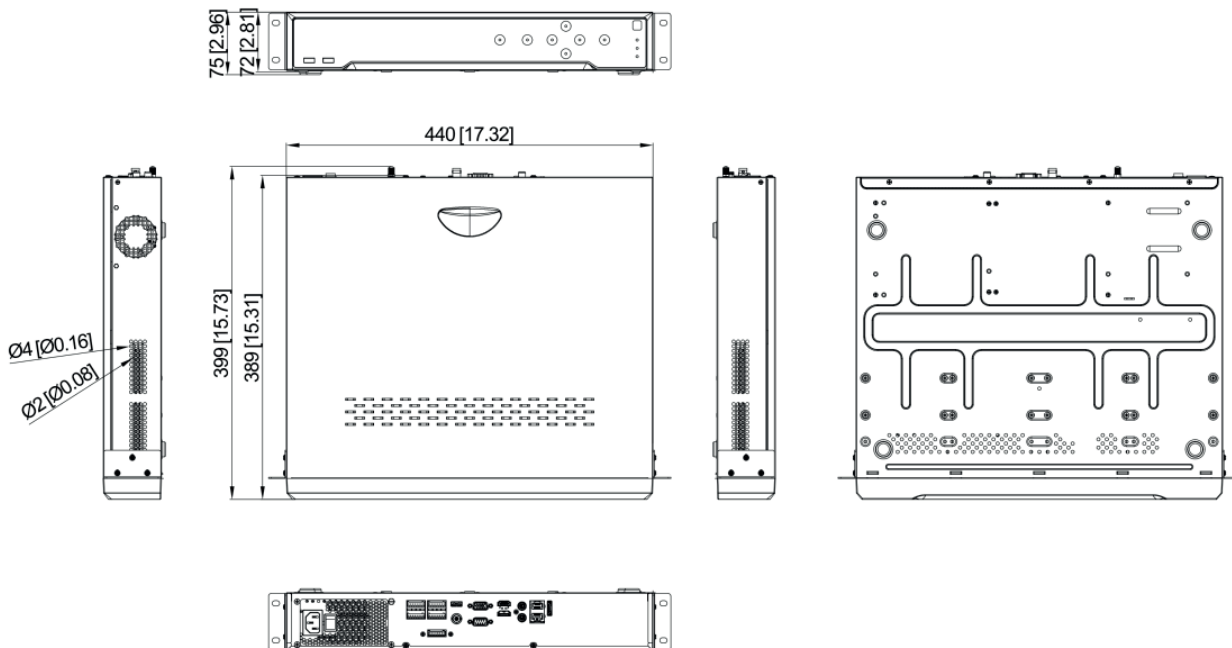
### Weight

≤ 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.



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