

INVR-32P112H4-AT



Key Features

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

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

HD Video Output

- | Provide simultaneous 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

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

Network & Ethernet Access

- | 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- | CMS-MAZi & DDNS (Dynamic Domain Name System) for easy network management

Intelligent Analytics	
AI by Device	Facial recognition, perimeter protection, motion detection 2.0
AI by Camera	Facial recognition, perimeter protection, video structuralization, throwing objects from building, motion detection 2.0, ANPR, people counting, VCA
Engine	1, engine mode is adjustable
Facial recognition	
Facial Detection and Analytics	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 \leq 512 kB, total capacity \leq 1 GB)
Facial Detection and Analytics Performance	4-ch human face capture (HD network camera, up to 2 MP, H.264/H.265)
Face picture comparison (Captured from Camera)	8-ch
Motion Detection 2.0	
By Device	All channels For MAZi camera H series
By Camera	All channels
Perimeter Protection	
By Device	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	32-ch
Incoming bandwidth	256 Mbps
Outgoing bandwidth	256 Mbps
HDMI 1 output	4K (3840 \times 2160)/60 Hz, 4K (3840 \times 2160)/30 Hz, 2K (2560 \times 1440)/60 Hz, 1920 \times 1080/60 Hz, HDMI1/VGA simultaneous output
HDMI 2 output	1920 \times 1080/60 Hz, HDMI2/VGA independent output
VGA output	1-ch, 1920 \times 1080/60 Hz, HDMI1/VGA simultaneous output
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 \times 576, NTSC: 704 \times 480
Audio output	1-ch, RCA (linear, 1 k Ω)
Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)

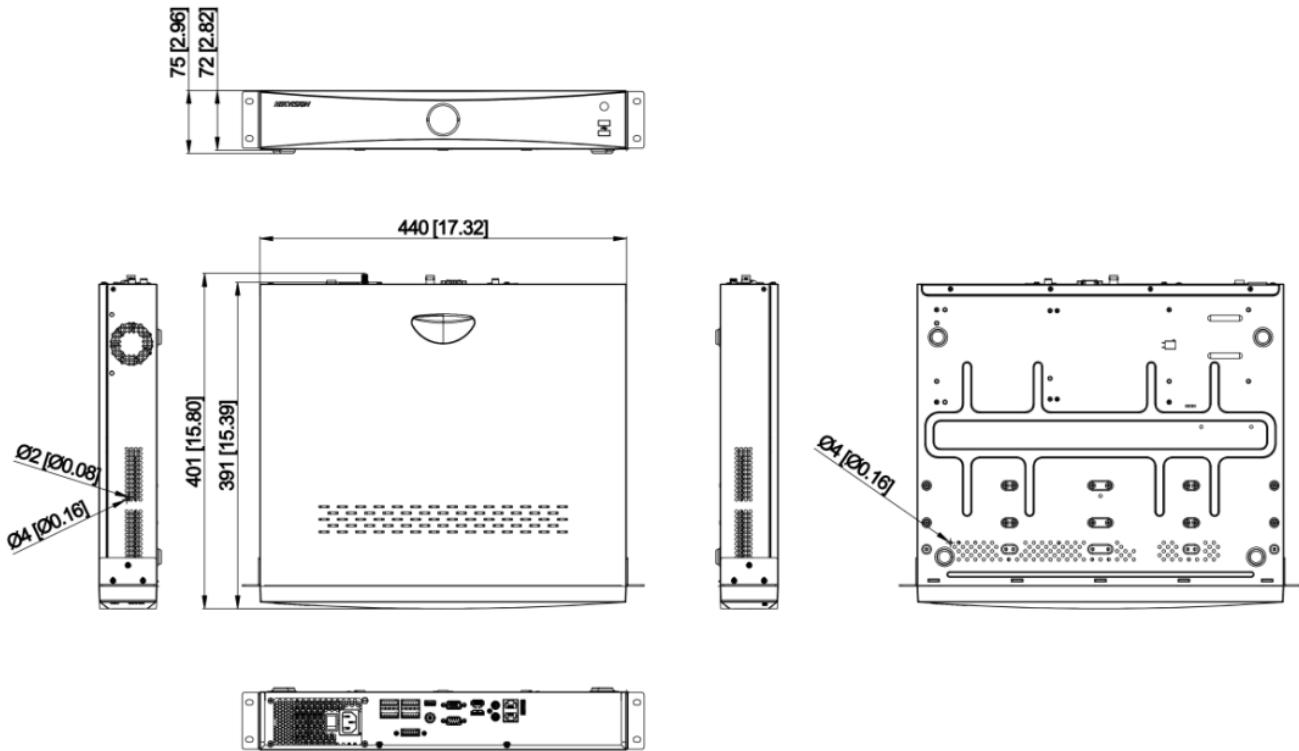
Decoding	
Decoding format	H.265+/H.265/H.264+/H.264
Recording resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF 32 MP/24 MP/12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF *: The NVR supports up to 4-ch 32 MP/24 MP IP video inputs.
Synchronous playback	16-ch
Live View Window Division	1/2/4/6/8/9/16/25/32/36
Aux Port Window Division	1/2/4/6/8/9/16
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
Audio compression	G.711ulaw/G.711alaw/G.722/G.726/AAC /MP2L2/PCM
Network	
Remote connection	128
API	ONVIF (profile S/G); SDK; ISAPI
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
Network protocols	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, ONVIF(Version 2.2), OTAP
Network interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Auxiliary interface	
Serial Interface	2 RS-485 (half-duplex), 1 RS-232
SATA	4 SATA interfaces
Capacity	Up to 14 TB capacity for each HDD
Alarm in/out	16/9
USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Ctrl 12 V	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 12 V power is controlled by alarm output 9.
DC 12 V	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, Indonesia n, Hebrew
Power supply	100 ÷ 240 Vac, 50 ÷ 60 Hz
Consumption (without hard disk)	≤ 30 W

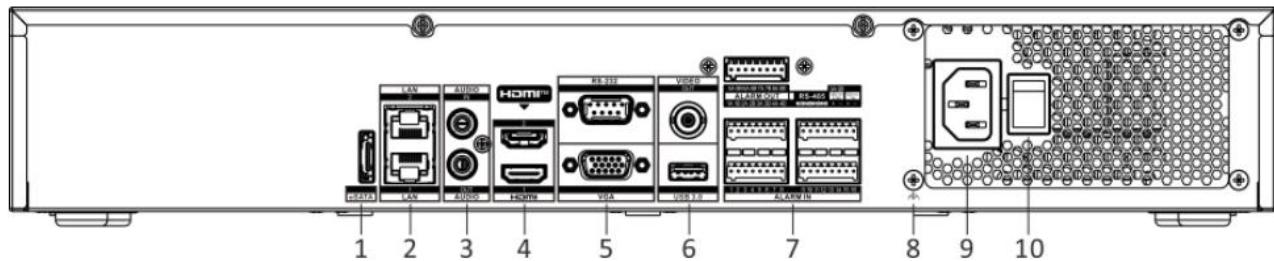
Working temperature	-10 °C ÷ +55 °C (+14 ÷ +131° F)
Working humidity	10% ÷ 90%
Chassis	19-inch rack-mounted 1.5 U chassis
Dimensions (W × D × H)	440 × 391 × 72 mm (17.3" × 15.4" × 2.8")
Weight (without hard disk)	≤ 3.6 kg (7.9 lb)

Certification

CE EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4

Obtained Certification CE, CB, Reach, WEEE, UKCA, LOA





No.	Description	No.	Description
1	eSATA interface	6	USB 3.0 and VIDEO OUT
2	LAN1 and LAN2 interfaces	7	ALARM IN/ OUT, RS-485, Ctrl 12 V, 12 Vdc
3	Audio input and audio output	8	GND
4	HDMI1 and HDMI2 interfaces	9	100 ÷ 240 power supply
5	VGA and RS-232 interfaces	10	Power switch