

INVR-16P112H2-AT



Key Features

- H.265+/H.265/H.264+/H.264 video formats
- Intelligent analytics based on deep learning algorithm
- Up to 16-ch IP camera inputs
- 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@1080p decoding capacity

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

HD Video Output

- | Provide simultaneous HDMI and VGA outputs
- | HDMI Video output at up to 4K resolution

Storage and Playback

- | Up to 2 SATA interfaces for HDD connection
- | 16-ch synchronous playback

Smart & POS Function

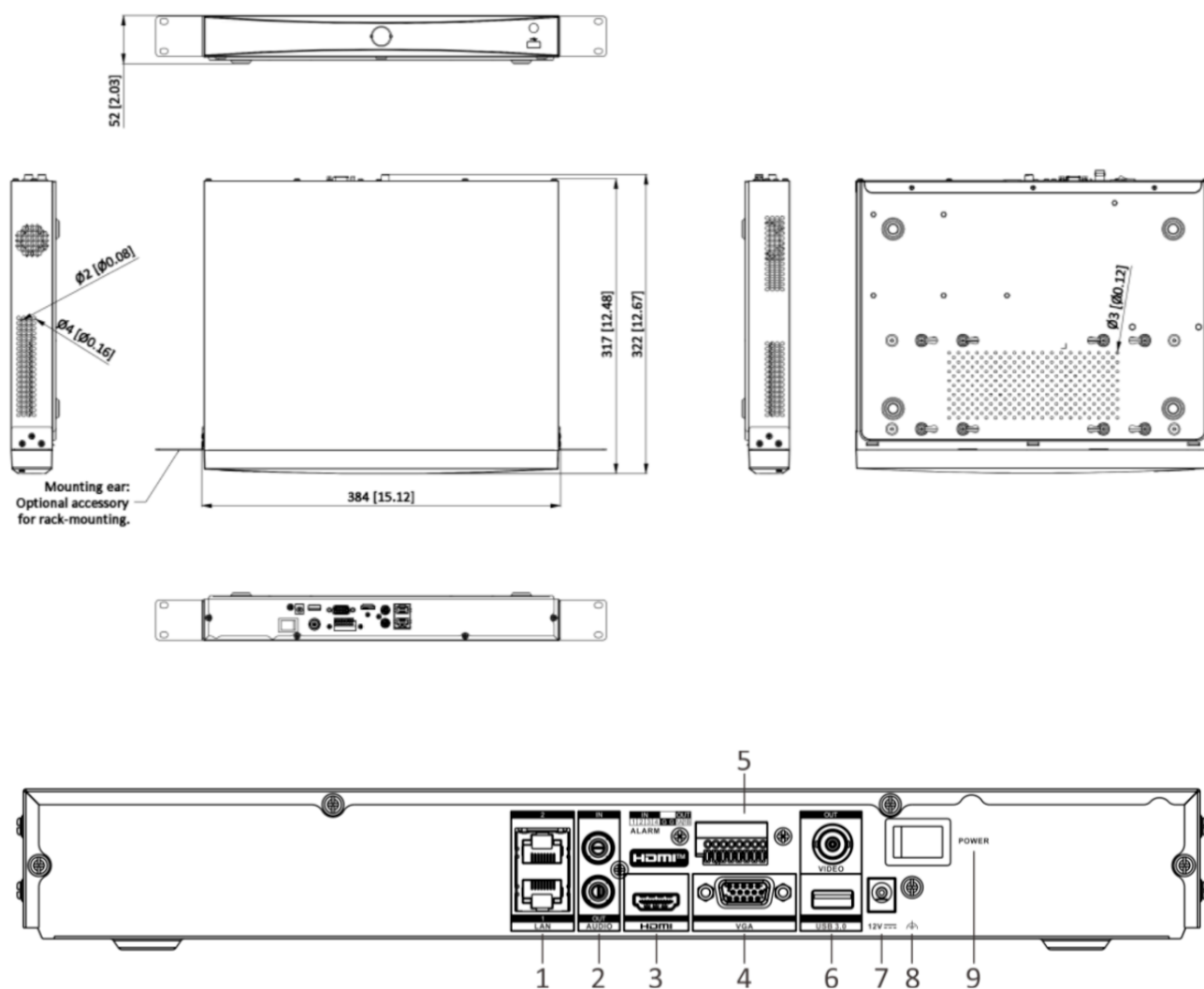
- | Support multiple VCA (Video Content Analytics) events
- | POS information overlay on live view and playback
- | POS triggered recording and alarm
- | Smart search for the selected area in the video, and smart playback to improve the playback efficiency

Network & Ethernet Access

- | 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- | CTR-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 Picture Library	Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture ≤ 512 kB, total capacity ≤ 1 GB)
Facial Detection and Analytics Performance	4-ch human face capture (HD network camera, up to 8 MP, H.264/H.265)
Face picture comparison	8-ch
Motion Detection 2.0	
By Device	All channels for H Chip Series cameras
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
Video/Audio input	
IP video input	16-ch
Incoming bandwidth	160 Mbps
Outgoing bandwidth	256 Mbps
HDMI output	4K (3840 x 2160)/30 Hz, 2K (2560 x 1440)/60 Hz, 1920 x 1080/60 Hz
VGA output	1920 × 1080/60 Hz
Video output mode	HDMI1/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)
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 <i>*The NVR supports up to 4-ch 32 MP/24 MP IP video inputs.</i>
Synchronous playback	16-ch
Decoding Capability	Enable AI by NVR: 20-ch@1080p (30 fps) Disable AI by NVR: 32-ch@1080p (30 fps)
Live View Window Division	1/2/4/6/8/9/16

Aux Port Window Division	1/2/4/6/8/9/16
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
Network interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Camera Access Protocol	ONVIF (Version 2.5), RTSP
ANPR	
By Camera	All channels
Vehicle Attributes	Plate number, license plate colour, license plate type
Plate Attributes	Vehicle brand, vehicle colour, vehicle type
Auxiliary interface	
SATA	2 SATA interfaces
Capacity	Up to 14 TB capacity for each HDD
Alarm in/out	4/1
USB interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
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, Indonesian, 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	1U Chassis
Dimensions (W × D × H)	384 × 317 × 52 mm (15.1"× 12.5" × 2.0")
Weight (without hard disk)	≤ 2.5 kg (5.5 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	LAN 1 and LAN2 network interfaces	6	USB 3.0 interface and VIDEO OUT
2	AUDIO IN/ AUDIO OUT	7	Power supply
3	HDMI interface	8	Power switch
4	VGA interface	9	GND
5	ALARM IN/ OUT		