INVR-08P3O12H2

Features and Functions

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 1-ch facial recognition for video stream
| Up to 4-ch facial recognition for face picture
| Up to 8-ch IP camera inputs
| Up to 16-ch 1080p decoding capability

Compression and Recording

| H.265+ compression effectively reduces the storage space and costs by up to 75%
| Full channel IP cameras connection
| Adopt stream over TLS encryption technology which provides more secure stream transmission service
| Support double verification for playback and downloading

HD Video Output

| Provides independent HDMI and VGA output
| HDMI video output at up to 4K (3840 × 2160) resolution

Storage and Playback

| Up to 2 SATA interfaces for HDD connection
| 8-ch synchronous playback at up to 1080p resolution

Smart & POS Function

| Supports 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

Network & Ethernet Access

| 8 independent PoE network interfaces | CTR
| 1 self-adaptive 10/100/1000 Mbps Ethernet interfaces
| CTR-MAZI Domain for easy network management
| Smooth streaming technology
| Support web access without plug-in

Facial Recognition[1]

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 10,000 face pictures in total (each picture ≤ 512 KB, total capacity ≤ 150 MB)
Face picture comparison	4-ch face picture comparison alarm
Performance of facial detection and analytics	1-ch human face capture (HD network camera, up to 8 MP, H.264/H.265)

Motion Detection 2.0[1]

Human/vehicle analysis	8-ch

Perimeter Protection[1]

Human/vehicle analysis	Up to 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

Video and Audio

IP video input	8-ch Up to 12 MP resolution
Incoming bandwidth	80 Mbps
Outgoing bandwidth	256 Mbps
HDMI output	4K (3840 × 2160)/60 Hz, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
VGA output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
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 input	1-ch, RCA (2.0 Vp-p, 1 KΩ)

Decoding

Decoding format	H.265+/H.265/H.264+/H.264/MPEG4
Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF
Synchronous playback	8-ch
Capability	16-ch@1080p (30 fps)
Dual stream recording	Support
Stream type	Video, Video & Audio
Audio compression	G.711ulaw/G.711alaw/G.722/G.726/MP2L2

Network

Remote connections	128
Network protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
Network interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface

PoE	
interface	8, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤ 120 W
Supported standard	IEEE 802.3 af/at

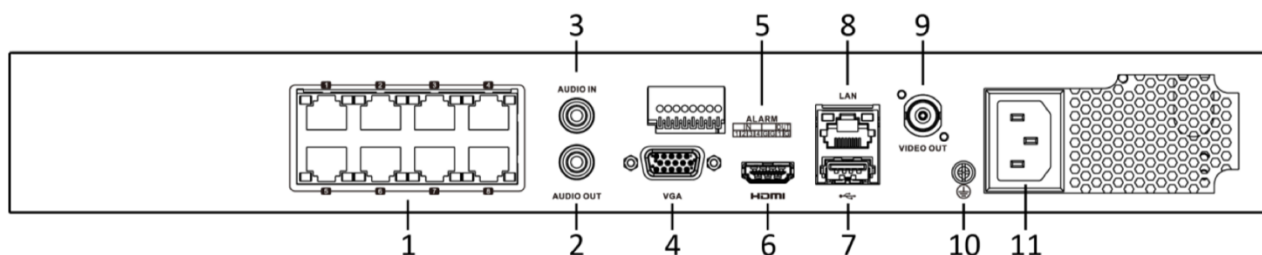| Auxiliary interface	
SATA	2 SATA interfaces supporting hot-plug
Capacity	Up to 10 TB capacity for each disk
Alarm in/out	4/1
USB interface	*Front panel*: 1 × USB 2.0; *Rear panel*: 1 × USB 3.0

General	
Power supply	100 ÷ 240 Vac, 50 ÷ 60 Hz
Consumption (without HDD)	≤ 15 W
Working temperature	-10 °C ÷ 55 °C (14 °F ÷ 131 °F)
Working humidity	10% ÷ 90%
Chassis	1 U chassis
Dimension (W × D × H)	85 × 315 × 52 mm (15.2"× 12.4" × 2.0")
Weight (without HDD)	≤ 2.7 kg (6.0 lb)

General	
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4

1: *Facial recognition, motion detection 2.0 and perimeter protection cannot be enabled at the same time. Enable one function will make the others unavailable.*

Physical Interface

No.	Description
1	PoE Interface
2	Audio OUT
3	Audio IN
4	VGA Interface
5	Alarm IN/OUT
6	HDMI Interface
7	USB 3.0 Interface
8	LAN Network Interface
9	Video OUT
10	GND
11	100 ÷ 240 Vac Power Supply

Dimension

ear: additional for rack-mounting, order code:190107647

scale/1:1;Unit/mm