CITY SCAN
TECH



CS-NA8P8H1-AI

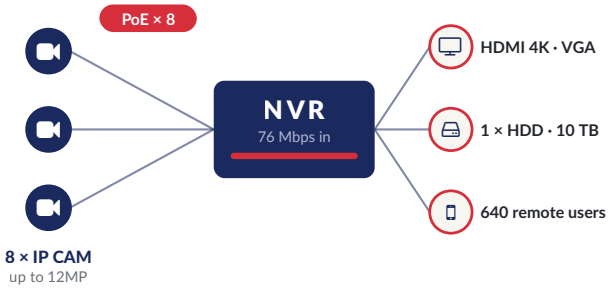
8 CHANNELS · AI · 8 POE PORTS

8-Channel AI PoE Network Video Recorder

8-channel AI NVR for 4K IP cameras with eight built-in PoE ports, one internal hard-drive bay and facial, human, vehicle and license-plate analytics.

SYSTEM OVERVIEW

8 CH · 76 MBPS IN · 8 POE PORTS



AI HIGHLIGHTS

- Facial recognition
- Human & vehicle detection
- License plate recognition
- Intrusion & line crossing

8CH 8 Channels	12MP Max Recording Res.	AI Analytics	8 PoE Ports
1 HDD Bay · 10 TB	4K HDMI Output	H.265+ H.265+ / H.264+	Alexa / Google

KEY FEATURES

- Up to 8 channels of 4K IP camera input · 76 Mbps in / out
- Records up to 12MP · H.265+ / H.264+
- 8 × PoE ports (100 Base-T, IEEE 802.3at/af)
- Decoding: 4K at 45 fps · 2MP at 180 fps · 4-ch playback
- 1 internal SATA bay, up to 10 TB · RCA audio out
- Remote access for up to 640 users · Alexa / Google Assistant

IDEAL FOR

- Retail stores
- Offices
- Villas
- Restaurants
- Entrances
- Parking areas

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— SECTION 01

Technical Specifications

REFERENCE
CS-NA8P8H1-AI
8 CH · AI

01 Video & Recording

Incoming Bandwidth	76 Mbps
Outgoing Bandwidth	76 Mbps
Recording Resolution	12MP · 8MP · 5MP · 3MP · 2MP (1080P) · 1.3MP (960P) · 1.0MP (720P)
Video Compression	H.264 / H.265 / H.264+ / H.265+
Audio Compression	G.711A / G.711U

06 Storage & Interfaces

HDD	1 × SATA HDD, up to 10 TB
USB	1 × USB 2.0 (front) · 1 × USB 2.0 (rear)
Audio	1 out
RS485	N/A
Alarm In / Out	N/A
Password Reset	Yes

07 Electrical

Power Input	48 V / 1.5 A
Power Consumption	4.3 W (excluding HDD)

08 Mechanical

Dimensions (W × D × H)	300 × 227 × 53 mm
Weight	≤ 1.1 kg (without HDD)

10 General

OSD Languages	English / French / Spanish / Portuguese / German / Italian / Greek / Danish / Finnish / Russian / Hebrew / Turkish / Bulgarian / Arabic / Korean / Japanese / Thai / Hindi / Romanian / Dutch / Polish / Persian / Hungarian / Chinese / Ukrainian
Certifications	FCC · CE

02 Decoding & Playback

Decoding Capability	4K: 45 fps · 4MP: 90 fps · 2MP: 180 fps
Playback	1080P: 180 fps · max 4-ch playback

03 Intelligence

AI Analytics	Facial recognition · Human detection · Vehicle detection · License plate recognition · Perimeter intrusion · Line crossing statistics
Voice Command	Google Assistant · Amazon Alexa (home devices)

04 Network

Ethernet	1 × RJ45 10/100 Base-T
PoE	8 × RJ45, 100 Base-T, IEEE 802.3at/af
Remote Connection	Up to 640 users
Protocols	TCP/IP · DHCP · IPv4 · IPv6 · DNS · DDNS · NTP · RTSP · SADP · SMTP · SNMP · UPnP · HTTP · HTTPS
API	Proprietary API · ONVIF (Profile S / G / T)
Web Browser	IE 10 / 11 · Safari 12.1+ · Firefox 52+ · Chrome 57+ · Edge 79+

05 Video Output

VGA	1 × output: 1024×768 · 1280×720 · 1280×1024 · 1440×900 · 1920×1080
HDMI	1 × output: 1024×768 · 1280×720 · 1280×1024 · 1440×900 · 1600×1200 · 1920×1080 · 1920×1200 · 2560×1440 (2K) · 3840×2160 (4K) / EDID

09 Environmental

Operating Temperature	−10 °C to +50 °C
Operating Humidity	< 90% RH

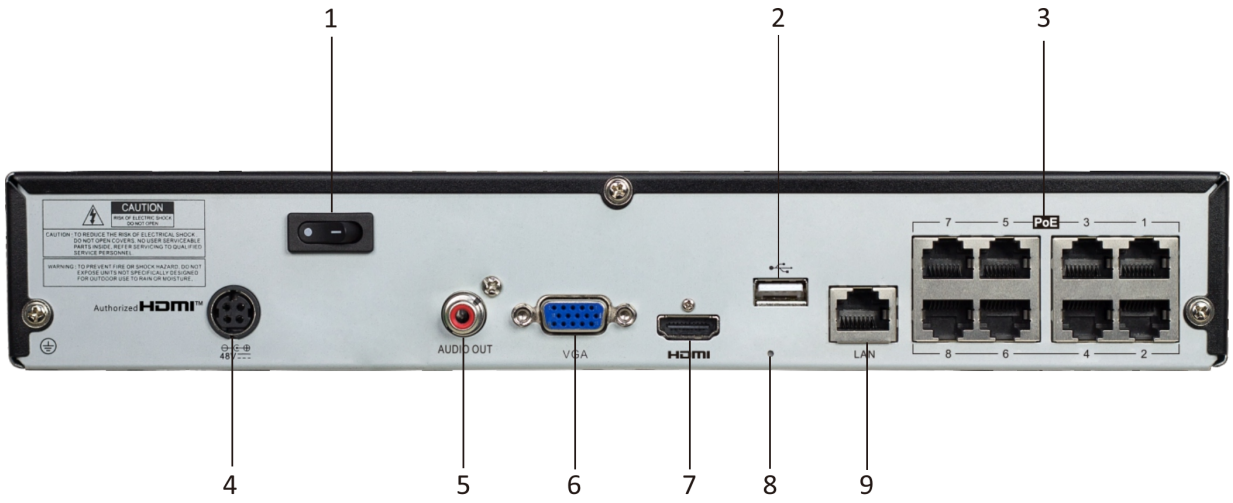
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— SECTION 02

Rear Panel, Build & Ordering

REAR PANEL
9 CALLOUTS
SEE KEY BELOW

FIG 01 · REAR PANEL



Rear Panel Key

1. Power switch
2. USB
3. PoE ports
4. Power
5. Audio out
6. VGA
7. HDMI
8. Reset button
9. LAN port

Ordering Information

SKU / MODEL CODE
CS-NA8P8H1-AI

8-Channel AI PoE NVR · 8 × PoE · 1 HDD bay (up to 10 TB) · HDMI 4K + VGA

REGULATORY & CERTIFICATIONS

CE · FCC · ONVIF

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