CITY SCAN
TECH



## CS-NA8P0H2-AI

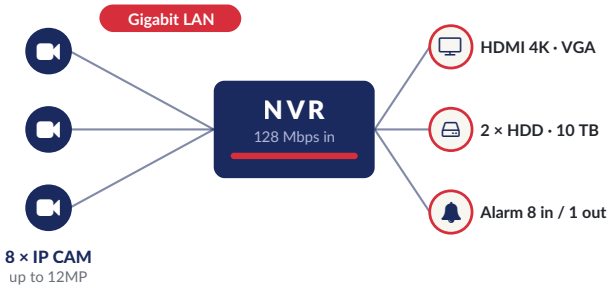
8 CHANNELS · AI · 2 HDD BAYS

# 8-Channel AI Network Video Recorder

8-channel AI NVR for 4K IP cameras with Gigabit Ethernet, two internal hard-drive bays, 8 alarm inputs and facial, human, vehicle and license-plate analytics.

### SYSTEM OVERVIEW

8 CH · 128 MBPS IN · 2 HDD BAYS




### AI HIGHLIGHTS

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

| | | | |
|---|---|---|---|
| 8CH<br>8 Channels | 12MP<br>Max Recording Res. | AI Analytics | H.265+<br>H.265+ / H.264+ |
| 2 HDD Bays · 10 TB | Gigabit Ethernet | 8 In / 1 Out Alarm | Alexa / Google |

### KEY FEATURES

- Up to 8 channels of 4K IP camera input · 128 Mbps in / out
- Records up to 12MP · H.265+ / H.264+
- Decoding: 4K at 60 fps · 2MP at 240 fps · 8-ch playback
- 2 internal SATA bays, up to 10 TB · Gigabit Ethernet
- 8 alarm inputs / 1 output · RS485 · RCA audio for voice intercom
- Remote access for up to 640 users · Alexa / Google Assistant

### IDEAL FOR

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


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— SECTION 01

# Technical Specifications

REFERENCE
CS-NA8P0H2-AI
8 CH · AI

## 01 Video & Recording

| | |
|---|---|
| Incoming Bandwidth | 128 Mbps |
| Outgoing Bandwidth | 128 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 |

## 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) |

## 06 Storage & Interfaces

| | |
|---|---|
| HDD | 2 × SATA HDD, up to 10 TB |
| eSATA | N/A |
| USB | 1 × USB 2.0 (front) · 1 × USB 2.0 (rear) |
| Audio | 1 in / 1 out |
| RS485 | 1 |
| Alarm In / Out | 8 in / 1 out |
| Password Reset | Yes |

## 07 Electrical

| | |
|---|---|
| Power Input | 48 V / 2 A |
| Power Consumption | 4.3 W (excluding HDD) |

## 08 Mechanical

| | |
|---|---|
| Dimensions (W × D × H) | 378 × 317 × 50 mm |
| Weight | ≤ 2.175 kg (without HDD) |

## 02 Decoding & Playback

| | |
|---|---|
| Decoding Capability | 4K: 60 fps · 4MP: 120 fps · 2MP: 240 fps |
| Playback | 1080P: 240 fps · max 8-ch playback |

## 04 Network

| | |
|---|---|
| Ethernet | 1 × RJ45 100/1000 Base-T |
| 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 |

## 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 |


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— SECTION 02

# Build & Ordering

PRODUCT
**FRONT VIEWS**
NO PHYSICAL INTERFACE SHEET

FIG 01 · PRODUCT VIEWS



## Connectivity

| | |
|---|---|
| Ethernet | 1 × Gigabit RJ45 |
| Video out | 1 × HDMI (4K) · 1 × VGA |
| USB | 1 × front · 1 × rear (2.0) |
| Audio | 1 in / 1 out |
| Alarm | 8 in / 1 out |
| RS485 | 1 |
| HDD | 2 × internal SATA |

## Ordering Information

SKU / MODEL CODE
**CS-NA8P0H2-AI**

8-Channel AI NVR · non-PoE · 2 HDD bays (up to 10 TB) · Gigabit LAN

REGULATORY & CERTIFICATIONS

CE · FCC · ONVIF

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