CITY SCAN
TECH



CS-NB8P8H1

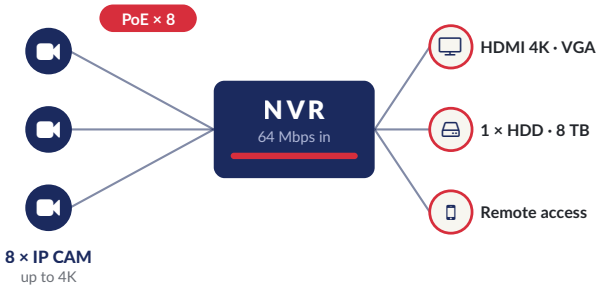
8 CHANNELS · 8 POE PORTS

8-Channel PoE Network Video Recorder

8-channel NVR for 4K IP cameras with eight built-in PoE ports, H.265 encoding and decoding, ONVIF and remote access from mobile and PC.

SYSTEM OVERVIEW

8 CH · 64 MBPS IN · 8 POE PORTS



HIGHLIGHTS

- Up to 8 × 4K IP cameras
- H.265 encoding & decoding
- 8 PoE ports, 802.3at/af
- Remote access, mobile & PC

8CH 8 Channels	4K IP Camera Input	8 PoE Ports	H.265 H.265 / H.264
1 HDD Bay · 8 TB	HDMI 4K + VGA	ONVIF S / G / T	Remote Access

KEY FEATURES

- Up to 8 channels of 4K IP camera input
- 64 Mbps incoming · 80 Mbps outgoing bandwidth
- 8 × PoE ports (IEEE 802.3at/af)
- Decoding: 4K at 30 fps · 2MP at 120 fps
- HDMI up to 3840 × 2160 (4K) and VGA output
- 1 internal HDD bay, up to 8 TB

IDEAL FOR

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

© 2026 SAFETY VISION UK · ALL RIGHTS RESERVED

— SECTION 01

Technical Specifications

REFERENCE
CS-NB8P8H1
8 CH · POE

01 Video & Recording

Incoming Bandwidth	64 Mbps
Outgoing Bandwidth	80 Mbps
Recording Resolution	8MP · 5MP · 4MP · 3MP · 1080P · 720P
Video Compression	H.264 / H.265
Audio Compression	G.711A / G.711U

03 Network

Ethernet	1 × RJ45 10/100 Base-T
PoE	8 × RJ45, IEEE 802.3at/af
Protocols	RTSP · SNMP · DDNS · HTTP / HTTPS · TCP · UDP · FTP · MQTT · HLS · SMTP · UPnP
API	Proprietary API · ONVIF (Profile S / G / T)
Web Browser	IE 10 / 11 · Safari 12.1+ · Firefox 52+ · Chrome 57+ · Edge 79+

04 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 · 1920×1080 · 2560×1440 (2K) · 3840×2160 (4K) / EDID

07 Mechanical

Dimensions (W × D × H)	230 × 215 × 47 mm
Weight	≤ 0.62 kg (without HDD)

02 Decoding & Playback

Decoding Capability	4K: 30 fps · 4MP: 60 fps · 2MP: 120 fps
Live Display	Multi-display 720P · single channel up to 4K
Playback	1080P: 120 fps · max 4 ch
Playback Functions	Fast forward / backward (2×, 4×, 8×, 16×) · Slow forward (1/2×, 1/4×, 1/8×, 1/16×)

05 Storage & Ports

HDD	1 × HDD, up to 8 TB
USB	2 × USB 2.0 (rear)

06 Electrical

Power Input	DC 48 V / 1.36 A
Power Consumption	4 W (excluding HDD)

08 Environmental

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

09 General

OSD Languages	English / French / Spanish / Portuguese / German / Italian / Greek / Danish / Finnish / Hebrew / Turkish / Bulgarian / Arabic / Korean / Japanese / Thai / Hindi / Romanian / Dutch / Polish

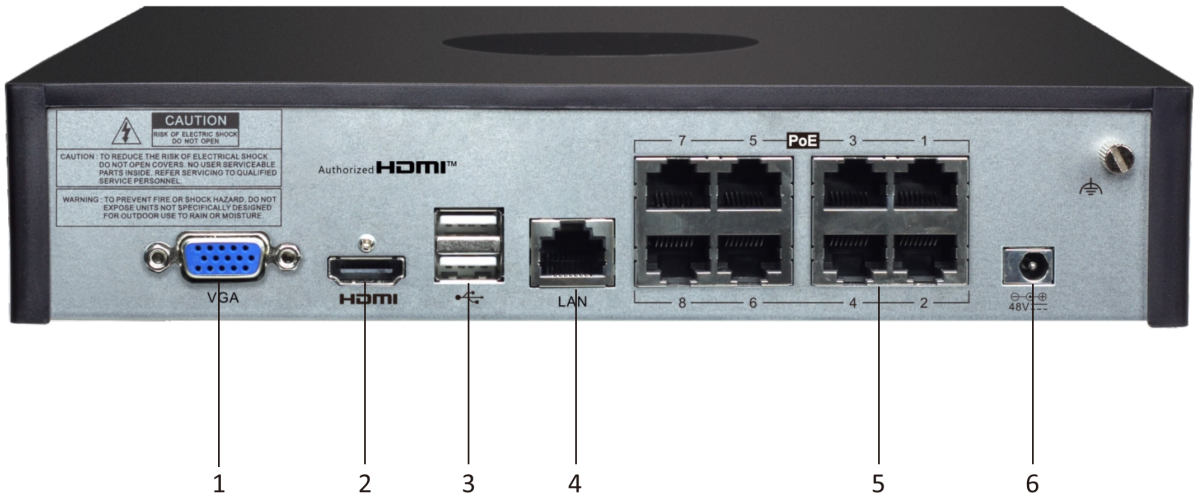
© 2026 SAFETY VISION UK · ALL RIGHTS RESERVED

— SECTION 02

Rear Panel, Build & Ordering

REAR PANEL
6 CALLOUTS
SEE KEY BELOW

FIG 01 · REAR PANEL



Rear Panel Key

1. VGA
2. HDMI
3. USB
4. LAN port
5. PoE ports
6. Power

Ordering Information

SKU / MODEL CODE
CS-NB8P8H1

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

REGULATORY & CERTIFICATIONS

ONVIF

ADDRESS
Safety Vision UK · South Bank, Chelford Road, Siddington, Macclesfield, SK11 9LF

WEB
safetyvision.uk

EMAIL
info@safetyvision.uk

PHONE
+44 7926 689141

© 2026 SAFETY VISION UK · ALL RIGHTS RESERVED