

SPRO[®]**IP**

DHIPNVR32-A7

32 CHANNEL 4K IP NVR



Key Features:

- H.265 codec recording
- Up to 16 megapixel live viewing & recording
- 16 x POE ports built-in
- Up to 256Mbps incoming bandwidth
- AI PRO technology (support AI by NVR)
- Face detection & recognition
- Human & vehicle classification
- HDMI (4K) & VGA output



SPECIFICATIONS

| | |
|----------------------------|----------------------------|
| Model Number | DHIPNVR32-A7 |
| Main Processor | Industrial-grade processor |
| Operating System | Embedded LINUX |
| Operating Interface | Web; Local GUI |

(continued)

AI

AI by Recorder Face detection, face recognition, perimeter protection, and SMD Plus

AI by Camera Face detection; face recognition; perimeter protection; SMD Plus; stereo analysis; people counting; ANPR; heat map

Perimeter Protection

Perimeter Performance AI (Recorder) 2 channels, 10 IVS rules for each channel

Perimeter Performance AI (Camera) 8 channels

Face Detection

Face Attributes Gender; age group; glasses; expressions; face mask; beard

Face Detection Performance By Recorder 1 channel (up to 12 face images/s each channel)

Face Detection Performance By Camera 8 channels

Face Recognition

Face Database Capacity Up to 10 face databases with 20,000 images, with a total capacity of 2.5 G. Name, gender, birthday, address, credential type, credential No., countries & regions and state can be added to each face image.

Face Recognition Performance of AI by Recorder 8-channel FD (by camera) + FR (by recorder), image stream: 2 face images/s
1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s

Face Recognition Performance of AI by Camera 8 channels

SMD +

SMD + by Recorder 4 channels: Secondary filtering for human and motor vehicle, reducing false alarms caused by leaves, rain and lighting condition change

SMD + by Camera 8 channels

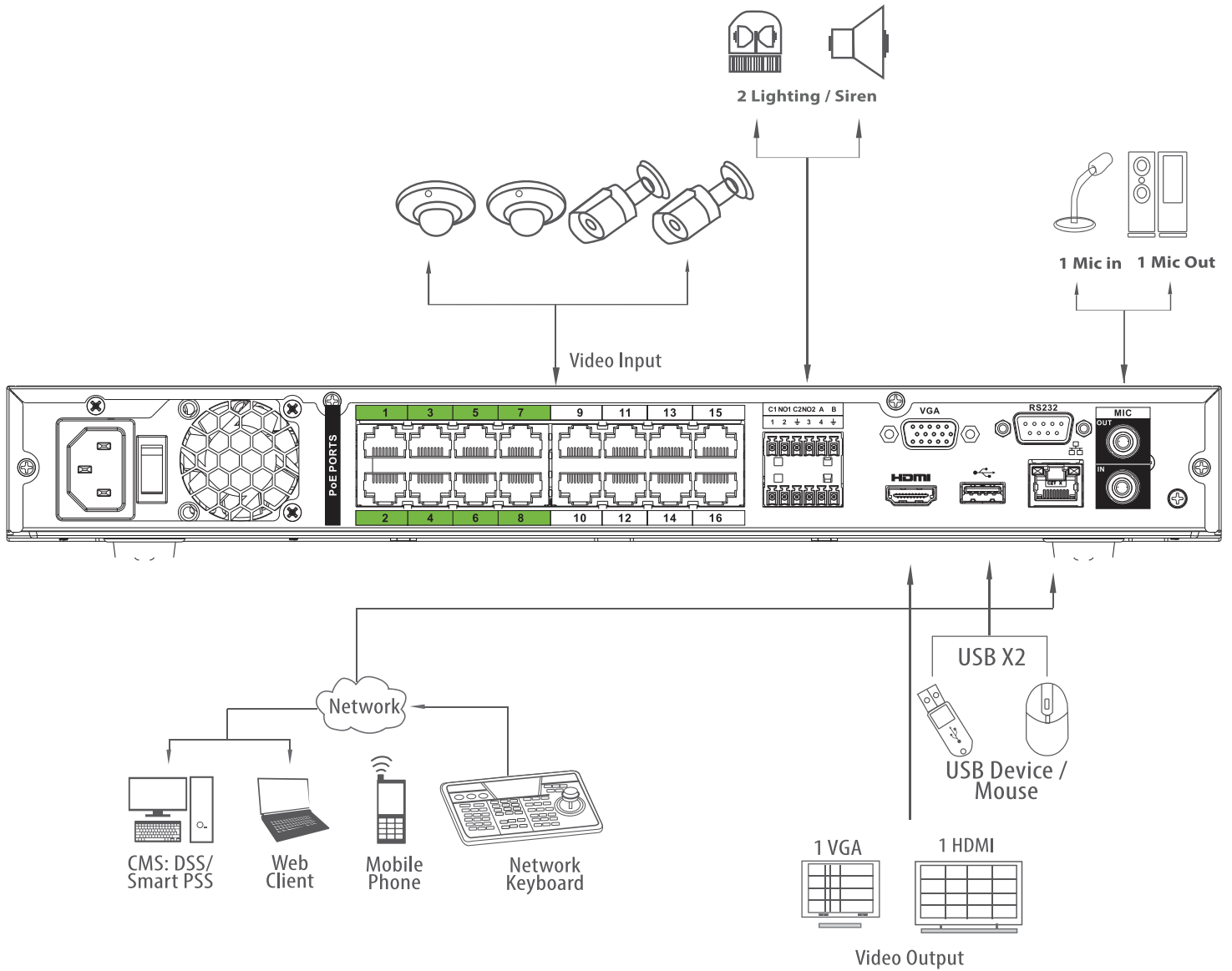
| | |
|----------------------------------|---|
| ANPR | |
| ANPR by Camera | 4 Channels |
| Audio and Video | |
| Access Channel | 32 channels |
| Network Bandwidth | AI disabled: 256 Mbps incoming, 256 Mbps recording and 256 Mbps outgoing AI enabled: 180 Mbps incoming, 180 Mbps recording and 180 Mbps outgoing |
| Resolution | 16 MP; 12 MP; 8 MP; 6 MP; 5 MP; 4 MP; 3 MP; 1080p; 960p; 720p; D1; CIF |
| Decoding Capability | AI disabled: 2-channel 16 MP@30 fps; 2-channel 12 MP@30 fps; 4-channel 8 MP@30 fps; 6-channel 5 MP@30 fps; 8-channel 4 MP@30 fps; 16-channel 1080p@30 fps AI enabled: 1-channel 16 MP@30 fps; 2-channel 12 MP@30 fps; 3-channel 8 MP@30 fps; 4-channel 5 MP@30 fps; 6-channel 4 MP@30 fps; 12-channel 1080p@30 fps |
| Video Output | 1 HDMI, 1 VGA HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 *Simultaneous/heterogeneous video sources output for VGA and HDMI is configurable. |
| Multi-screen Display | 1st Screen: 1/4/8/9/16/25/36 - 2nd Screen: 1/4/8/9/16 |
| Third-party Camera Access | ONVIF |
| Compression Standard | |
| Video Compression | Smart H.265+; H.265; Smart H.264+; H.264; MJPEG |
| Audio Compression | G.711a; G.711u; PCM; G726 |
| Network | |
| Network Protocol | HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; PPPoE; DDNS; FTP; Alarm Server; IP Search (Support Dahua IP camera; DVR; NVS; etc.); P2P; auto register |
| Mobile Phone Access | iOS; Android |
| Interoperability | ONVIF 22.06(Profile T; Profile S; Profile G); CGI; SDK |
| Browser | Chrome; IE9 and later; Firefox |

(continued)

| Recording Playback | |
|-------------------------------|--|
| Multi-channel Playback | Up to 16 channels |
| Record Mode | General, motion detection; intelligent; alarm |
| Backup Method | USB device and network |
| Playback Mode | Instant Playback, general playback, event playback, tag playback, smart playback |
| Storage | |
| Disk Group | Yes |
| Alarm | |
| General Alarm | Motion detection; privacy masking; video loss; scene changing; PIR alarm; IPC external alarm |
| Anomaly Alarm | Camera disconnection; storage error; disk full; IP conflict; MAC conflict; login locked; and cybersecurity exception |
| Intelligent Alarm | Face detection; face recognition; perimeter protection; SMD Plus; people counting; stereo analysis; heat map |
| Alarm Linkage | Record; snapshot; IPC external alarm output; audio; buzzer; log; preset; email |
| Port | |
| Audio Input | 1-channel RCA |
| Audio Output | 1-channel RCA |
| Alarm Input | 4 channels |
| Alarm Output | 2 channels |
| HDD Interface | 2 SATA ports, up to 16 TB. The maximum HDD capacity varies with environment temperature. |
| RS-232 | 1 |
| USB | 2 (1 front USB 2.0 port, 1 rear USB 2.0 port) |
| HDMI | 1 |
| VGA | 1 |
| Network Port | 1 (10/100/1000 Mbps Ethernet port, RJ-45) |
| PoE Port | 16 ports, 10/100 Mbps, IEEE 802.3 af/at |

| General | |
|------------------------------|--|
| Power Supply | 100–240 VAC, 47-63 Hz |
| Power Consumption | Total output of NVR is <10 W(without HDD) Total output power of PoE is 130W,the maximum output power of a single port is 25.5W |
| Net Weight | 2.60 kg (5.73 lb) |
| Gross Weight | 3.80 kg (8.38 lb) |
| Product Dimensions | 375.0 mm × 329.3 mm x 53.0 mm (14.76" × 12.96" × 2.09") |
| Operating Temperature | -10 °C to +55 °C (14 °F to +131 °F) |
| Storage Temperature | -20 °C to +60 °C (-4 °F to +140 °F) |
| Operating Humidity | 10%–93% (RH) |
| Installation | Desktop |
| Certifications | FCC: 47 CFR FCC Part15, SubpartB, Class A CE-EMC: EN 55032:2015+A1:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021; EN 55035:2017+A11:2020; EN 50130-4:2011+A1:2014 CE-LVD: EN 62368-1:2014 |

Panels



All specifications are subject to change without notice. Copyright © Luxrite Ltd. All rights reserved