

## iDS-SN08NXI-I2/X DeepinMind Series NVR

### Key Feature

- Facial recognition based on deep learning algorithm
- Up to 320/256 Mbps incoming bandwidth/ outgoing bandwidth



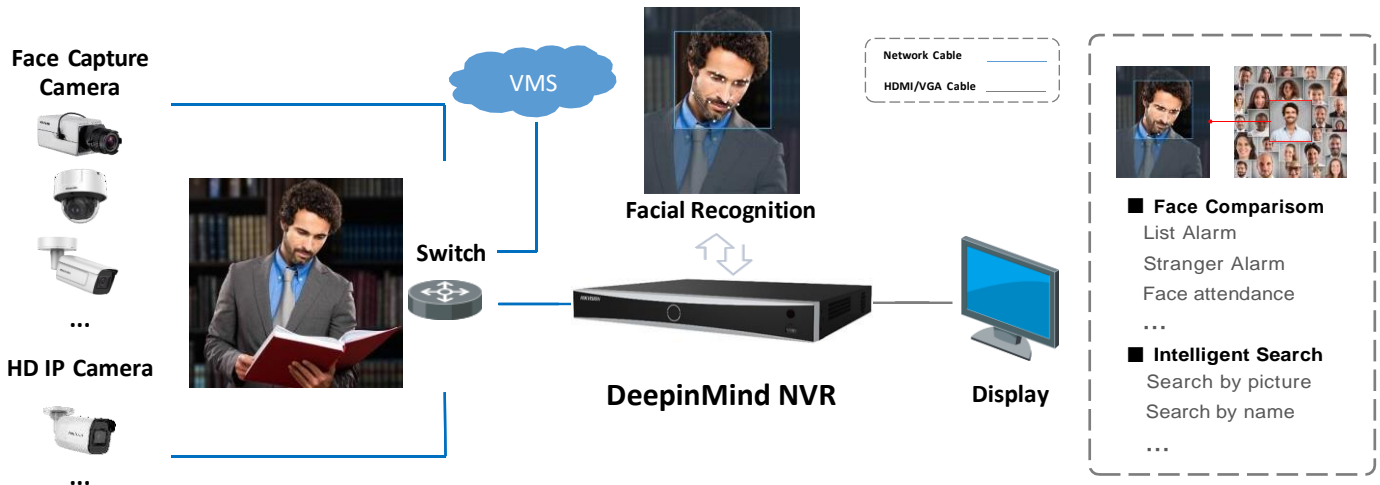
## Application and Management

- Centralized management of network cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectable to Hikvision smart IP cameras, and capable of recording, playing back, and backing up VCA alarms

## Typical Application

### Facial Recognition and Face Picture Comparison

Modeling and analyzing face pictures captured by cameras. Comparing face pictures with the face picture library, and then trigger blacklist alarm and stranger alarm. Searching target person by picture and name features.



## Specification

|  |   |  |  |
|--|---|--|--|
| <b>Model</b>   | iDS-SN08NXI-I2/X  |  |  |
| <b>Smart Analysis</b>                                |   |  |  |
| <b>Facial detection and analytics</b>                | Face picture comparison, human face capture, face picture search  |  |  |
| <b>Face picture library</b>                          | Up to 16 face picture libraries, with up to 100,000 face pictures in total (total capacity ≤ 20 GB)   |  |  |
| <b>Face picture comparison</b>                       | 8-ch face picture comparison alarm  |  |  |
| <b>Performance of facial detection and analytics</b> | 8-ch human face capture (HD network camera, up to 8 MP, H.264/H.265)  |  |  |
| <b>Video and Audio</b>                               |   |  |  |
| <b>IP video input</b>                                | 8-ch  |  |  |
|  | Up to 12 MP resolution  |  |  |
| <b>Incoming bandwidth</b>                            | 320 Mbps  |  |  |
| <b>Outgoing bandwidth</b>                            | 256 Mbps  |  |  |
| <b>HDMI output</b>                                   | 1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |  |  |
| <b>VGA output</b>                                    | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA independent output   |  |  |
| <b>CVBS output</b>                                   | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480   |  |  |
| <b>Audio output</b>                                  | 1-ch, RCA (Linear, 1 KΩ)  |  |  |
| <b>Two-way audio input</b>                           | 1-ch, RCA (2.0 Vp-p, 1 KΩ)  |  |  |
| <b>Decoding</b>                                      |   |  |  |
| <b>Decoding format</b>                               | H.265+/H.265/H.264+/H.264/MPEG4   |  |  |
| <b>Recording resolution</b>                          | 32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF   |  |  |
| <b>Synchronous playback</b>                          | 8-ch  |  |  |
| <b>Capability</b>                                    | 1-ch@32 MP (30 fps)/16-ch@1080p (30 fps)  |  |  |
| <b>Dual stream recording</b>                         | Support   |  |  |
| <b>Stream type</b>                                   | Video, Video & Audio  |  |  |
| <b>Audio compression</b>                             | G.711ulaw/G.711alaw/G.722/G.726/MP2L2   |  |  |
| <b>Network</b>                                       |   |  |  |
| <b>Remote connections</b>                            | 128   |  |  |
| <b>Network protocol</b>                              | TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS   |  |  |
| <b>Network interface</b>                             | 2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface  |  |  |
| <b>Auxiliary interface</b>                           |   |  |  |
| <b>Serial port</b>                                   | N/A   |  |  |
| <b>SATA</b>  | 2 SATA interfaces   |  |  |
| <b>Capacity</b>                                      | Up to 10 TB capacity for each disk  |  |  |
| <b>Alarm in/out</b>                                  | 4/1   |  |  |
| <b>USB interface</b>                                 | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0   |  |  |

| <b>General</b>                |  |
|-------------------------------|--|
| <b>Power supply</b>           | 12 VDC,3.33A                                       |
| <b>Consumption</b>            | ≤ 40 W   |
| <b>Working temperature</b>    | -10 °C to 55 °C (14 °F to 131 °F)                  |
| <b>Working humidity</b>       | 10% to 90%   |
| <b>Dimension (W × D × H)</b>  | 385 × 315 × 52 mm ( 15.2"× 12.4" × 2.0")           |
| <b>Weight (without HDD)</b>   | ≤ 1 kg (2.2 lb)                                    |
| <b>Certification</b>          |  |
| <b>Obtained Certification</b> | CE, FCC, UL, CB, WEEE, BIS, IC, RCM, KC, LOA       |
| <b>FCC</b>                    | Part 15 Subpart B, ANSI C63.4-2014                 |
| <b>CE</b>                     | EN50130-4, EN 61000-3-2,EN 61000-3-3, EN55032:2015 |