



# 64 Channel Deep-Learning AI NVR

CODE: VIPDL-NVR-AI2-64BB



Up to 80TB Capacity



PTZ Control



Deep-Learning AI Features



Scheduled Recording

## Video

|                       |   |
|-----------------------|---|
| Compression           | H.265S / H.265+ / H.265 / H.264   |
| IP Video Input        | 64CH IPC Input  |
| Resolution            | 16MP; 12MP; 8MP; 6MP; 5MP; 4MP; 3MP; 1080P  |
| Network Bandwidth     | <b>Incoming:</b> 640Mbps / <b>Outgoing:</b> 640Mbps   |
| Output                | <b>HDMI 1:</b> 7680 x 4320; 3840 x 2160; 1920 x 1080; 1280 x 1024; 1024 x 768<br>When HDMI 1 output is 8K, HDMI 2 is temporarily unavailable and HDMI 3 outputs at a maximum of 1080P<br><b>HDMI 2:</b> 3840 x 2160; 1920 x 1080; 1280 x 1024; 1024 x 768<br><b>HDMI 3:</b> 3840 x 2160; 1920 x 1080; 1280 x 1024; 1024 x 768<br><b>HDMI 4:</b> 1920 x 1080; 1280 x 1024; 1024 x 768<br><b>VGA :</b> 1920 x 1080; 1280 x 1024; 1024 x 768 |
| Multi-Screen Display  | 1 / 4 / 6 / 8 / 9 / 13 / 16 / 25 / 32 / 36 / 64   |
| Simultaneous Playback | Max. 16CH   |
| Search                | Time Slice; Time; Event; Tag; Smart Search (see below)  |
| Smart Search          | Colour coding to display camera footage across selected periods of time.  |
| Functions             | Play; Pause; FF; FB; Digital Zoom   |

## Audio

|                    |                      |
|--------------------|----------------------|
| Network Input      | 64CH IPC Input       |
| Audio Local Input  | RCA x1 (2-Way Audio) |
| Audio Local Output | RCA x1               |
| HDMI Audio Output  | Supported            |
| Compression        | G.711(U/A)           |

## Events

|  |  |
|--|--|
| Alarm Type   | Manual, Sensor, Motion, Exception & Smart Events |
| Alarm Input  | 16CH IPC Alarm Output                            |
| Alarm Output   | 4CH IPC Alarm Output                             |
| Alarm Trigger  | Recording, Snapshot, Buzzer, Preset, Email       |
| Perimeter Protection (People & Vehicle Classification) | 64CH (AI by IPC); 8CH (1080P Only, AI by Device) |
| Video Metadata   | People & Vehicle Classification                  |
| Fisheye  | Fisheye Dewarping via NVMS or SuperLive Plus App |
| Plate Detection  | Supported (AI by IPC)                            |



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## Events (continued)

|                  |   |  |
|------------------|---|--|
| Face Detection   | Face Detection Performance (AI by IPC)      | 64CH   |
|                  | Face Detection Performance (AI by Device)   | 4CH (4MP Only)   |
| Face Recognition | Face Match Performance                      | 16CH   |
|                  | Comparison Capability                       | 36 Images (per second)                                 |
|                  | Face Image Database                         | 32 Libraries; 10,000 Face Images                       |
|                  | Face Image Search                           | Supported  |
|                  | Database Management                         | Add; Modify; Delete; Search Face Images                |
|                  | Face Image Adding                           | Through Web, App or External Import                    |
|                  | Face Image Comparison                       | Supports Allow List, Block List & Stranger Match Alarm |
|                  | Track                                       | Track Display on Map                                   |
|                  | Statistical Graph                           | Bar Graph  |
| Statistical Mode | By Day; Week; Month; Quarter; Custom Period |  |

## System & Hardware

|                             |  |                          |
|-----------------------------|--|--------------------------|
| Mobile App (iOS or Android) | SuperLive Plus   |                          |
| HDD                         | SATA   | SATA x8 (Max. 10TB each) |
|                             | RAID   | RAID 0, 1, 5, 6 & 10     |
|                             | E-SATA   | x2                       |
| Backup                      | Local  | USB Disk                 |
|                             | Network  | Supported                |
| USB                         | USB 3.0 x1, USB 2.0 x2   |                          |
| RS485                       | Supported (Full-Duplex) with PTZ or Keyboard                             |                          |
| Power Supply                | ATX200W  |                          |
| Power Consumption           | < 50W (without HDD)  |                          |
| Operating Environment       | Temperature: -10°C to +50°C;<br>Humidity: Less than 90% (non-condensing) |                          |
| Dimensions                  | 445mm x 436mm x 90mm   |                          |
| Certificate                 | UKCA, CE, FCC, PSTI 2023, RoHS, WEEE, REACH (EC1907/2006)                |                          |

## System & Hardware

|                                |   |
|--------------------------------|---|
| Network Interface              | RJ45 x2 (10/100/1000Mbps)   |
| Protocol                       | TCP/IP, HTTP, HTTPS, 802.1x, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, UDP, WebSocket, PPPoE, SNMP, IGMP |
| Client Connection              | Max. 128 Users Access   |
| OS                             | Embedded Linux  |
| Video Management Software (PC) | NVMS 2.11 (Standard or Professional)  |

## Storage Options

|                  |                                    |
|------------------|------------------------------------|
| <b>Barebones</b> | <b>Code:</b> VIPDL-NVR-AI2-64BB    |
| <b>1TB</b>       | <b>Code:</b> VIPDL-NVR-AI2-64-1TB  |
| <b>2TB</b>       | <b>Code:</b> VIPDL-NVR-AI2-64-2TB  |
| <b>4TB</b>       | <b>Code:</b> VIPDL-NVR-AI2-64-4TB  |
| <b>6TB</b>       | <b>Code:</b> VIPDL-NVR-AI2-64-6TB  |
| <b>8TB</b>       | <b>Code:</b> VIPDL-NVR-AI2-64-8TB  |
| <b>10TB</b>      | <b>Code:</b> VIPDL-NVR-AI2-64-10TB |
| <b>12TB</b>      | <b>Code:</b> VIPDL-NVR-AI2-64-12TB |
| <b>16TB</b>      | <b>Code:</b> VIPDL-NVR-AI2-64-16TB |
| <b>20TB</b>      | <b>Code:</b> VIPDL-NVR-AI2-64-20TB |
| <b>24TB</b>      | <b>Code:</b> VIPDL-NVR-AI2-64-24TB |
| <b>30TB</b>      | <b>Code:</b> VIPDL-NVR-AI2-64-30TB |

Additional storage options exceeding 30TB available upon request