

VIPDL-NVR-AI2-32BB

12MP 32CH DEEP LEARNING NVR



| Specification | VIPDL-NVR-AI2-32BB |
|----------------------------------|---|
| System | |
| OS | Embedded Linux |
| Video | |
| IP Video Input | 32CH IPC input |
| Resolution | 12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF |
| Network Bandwidth | 192Mbps/192Mbps |
| Output | HDMI1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024 / 1024 × 768 |
| | HDMI2 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 |
| | VGA ×1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 |
| | VGA and HDMI1 output the same video source |
| Audio | |
| Network Input | 32CH IPC audio input |
| 2-Way Audio | RCA × 1 |
| Local Output | RCA × 1 |
| Compression | G.711 [A/U] |
| Record | |
| Record Stream | Dual stream recording |
| Resolution | 12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF |
| Frame Rate | NTSC: 30fps; PAL:25fps |
| Decoding Capability | |
| Live View/Playback | 1CH 12MP/4CH 1080P |
| Playback | |
| Simultaneous Playback | Max 16CH |
| Search | Time slice / time / event / tag / smart search |
| Smart Search | Supported |
| Function | Play, pause, FF, FB, digital zoom, etc. |
| Multi-Screen Display Mode | |
| Mode | Dual output mode (default mode): supports HDMI2 output, but doesn't support AI by device |
| | AI mode: HDMI2 output and 12MP video input (live view/playback) are unavailable, but 8MP video input is supported |

| Multi-Screen Display Mode | |
|---|---|
| Dual Output Mode | 32CH (HDMI1) +4CH (HDMI2) |
| AI Mode | 24CH (HDMI1) |
| Alarm | |
| Mode | Manual, sensor, motion, exception, smart events |
| Input | 16CH local alarm input |
| Output | 4CH |
| Triggering | Record, snap, preset, e-mail, etc. |
| Facial Recognition | |
| Face Detection Performance [AI by IPC] | 32CH |
| Face Detection Performance [AI by Device] | 2CH (2MP) |
| Face Match Performance | 6CH |
| Face Image Database | 32 libraries & 10000 face images |
| Face Image Search | Search by picture is supported |
| Face Image Adding | Add face images through app, web and external import |
| Face Image Comparison | Allow list, block list and stranger match alarms |
| Face Image Comparison | Allows list and block list alarm |
| Statistical Graph of Information | Supported |
| Face Track Mapping | Resolution: ≤ 2560 x 1920 Size: ≤512KB Format: .jpg & .jpeg |
| Graph Statistics | Bar graph |
| Face Information | Statistics by day, week, month, quarter or customised time period |
| Statistic Mode | |
| Video Structure Analysis | |
| Human/Vehicle Classification | Supported |

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|---------------------------------|---|
| Specification | VIPDL-NVR-AI2-32BB |
| Other | |
| Fisheye | Supports fisheye dewarping via web client and mobile app |
| Plate Recognition | Supported |
| Network | |
| Interface | RJ 45 1000 Mbps x2 |
| Protocol | TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, RTSP, SNMP, ONVIF, etc. |
| Client Connection | Max.20 users access |
| Mobile Device | |
| OS | iOS, Andriod |
| Storage | |
| HDD Interface | SATA x4, max 10TB for each HDD |
| E-SATA Interface | E-SATA x1 |
| Backup | |
| Local Backup | U disk, USB mobile HDD |
| Network Backup | Supported |
| External Interface | |
| RS485 | Yes (full-duplex), connect to PTZ or keyboard |
| USB | USB 3.0 x1 ; USB 2.0 x2 |
| Other | |
| Power Supply | ATX 250W |
| Consumption | ≤ 20W [without HDD] |
| Certificate | CE, FCC |
| Environmental Protection | Directive EU RoHS, REACH and WEEE |
| Dimensions(mm) | 440 × 390 × 70(W × D × H) |
| Working Environment | -10°C ~ 50°C, 10% ~ 90% (relative humidity) |

DIMENSIONS

