



32 Channel Deep-Learning AI NVR

CODE: VIPDL-NVR-AI4-32BB

NDA
Compliant



IP

12^{4K}
MP



Up to 40TB
Capacity



PTZ
Control



Deep-Learning
AI Features



Dual-Stream
Support

Video

Compression	H.265S / H.265+ / H.265 / H.264
IP Video Input	32CH IPC Input
Resolution	12MP; 9MP; 8MP; 6MP; 5MP; 4MP; 3MP; 1080P
Frame Rate	25fps
Network Bandwidth	Incoming: 320Mbps / Outgoing: 256Mbps
Output	HDMI 1: 3840 x 2160; 1920 x 1080; 1280 x 1024; 1024 x 768 HDMI 2: 1920 x 1080; 1280 x 1024; 1024 x 768 VGA : 1920 x 1080; 1280 x 1024; 1024 x 768
Multi-Screen Display	1 / 4 / 6 / 8 / 9 / 13 / 16 / 25 / 32 / 36
Simultaneous Playback	Max. 16CH
Search	Time Slice; Time; Event; Tag; Smart Search (<i>see below</i>)
Smart Search	Colour coding to display camera footage across selected periods of time.
Functions	Play; Pause; FF; FB; Digital Zoom

Audio

Network Input	32CH IPC Input
Audio Local Input	RCA x1 (2-Way Audio)
Audio Local Output	RCA x1
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)	32CH (AI by IPC); 2CH (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)	32CH
	Face Detection Performance (AI by Device)	2CH (1080P Only)
Face Recognition	Face Match Performance	6CH
	Comparison Capability	18 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

Protocol	TCP / IP, HTTP, HTTPS, 802.1X, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, IPv4, UDP, WebSocket, PPPoE, SNMP, IGMP
Client Connection	Max. 128 Users Access
OS	Embedded Linux
Video Management Software (PC)	NVMS 2.1.1 (Standard or Professional)

System & Hardware

Mobile App (iOS or Android)		SuperLive Plus
HDD	SATA	SATA x4 (Max. 10TB each)
	E-SATA	x1
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		ATX250W
Power Consumption		< 20W (without HDD)
Operating Environment		Temperature: -10°C to +50°C; Humidity: Less than 90% (non-condensing)
Dimensions		440mm x 390mm x 70mm
Certificate		UKCA, CE, FCC, PSTI 2023, RoHS, WEEE, REACH (EC1907/2006)

Storage Options

Barebones	Code: VIPDL-NVR-AI4-32BB
1TB	Code: VIPDL-NVR-AI4-32-1TB
2TB	Code: VIPDL-NVR-AI4-32-2TB
4TB	Code: VIPDL-NVR-AI4-32-4TB
6TB	Code: VIPDL-NVR-AI4-32-6TB
8TB	Code: VIPDL-NVR-AI4-32-8TB
10TB	Code: VIPDL-NVR-AI4-32-10TB
12TB	Code: VIPDL-NVR-AI4-32-12TB
16TB	Code: VIPDL-NVR-AI4-32-16TB
20TB	Code: VIPDL-NVR-AI4-32-20TB
24TB	Code: VIPDL-NVR-AI4-32-24TB
30TB	Code: VIPDL-NVR-AI4-32-30TB

Additional storage options exceeding 30TB available upon request