



# 32 Channel AI NVR with 16x PoE

CODE: VIPER-NVR-AI2-32BB



Up to 40TB Capacity



PTZ Control



Advanced AI Features



Dual-Stream Support

## Video

Compression	H.265S / H.265+ / H.265 / H.264
IP Video Input	32CH IPC Input
Resolution	12MP; 8MP; 6MP; 5MP; 4MP; 3MP; 1080P
Frame Rate	25fps
Network Bandwidth	<b>Incoming:</b> 320Mbps / <b>Outgoing:</b> 256Mbps
Output	<b>HDMI 1:</b> 3840 x 2160; 1920 x 1080; 1280 x 1024; 1024 x 768 <b>HDMI 2:</b> 1920 x 1080; 1280 x 1024; 1024 x 768 <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
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	32CH IPC Input
Audio Local Input	RCA x1 (2-Way Audio)
Audio Local Output	RCA x1
Compression	G.711(U/A)

## Events

Alarm Input	16CH IPC Alarm Output
Alarm Output	4CH IPC Alarm Output
Alarm Trigger	Recording, Snapshot, Buzzer, Preset, Email
Video Structure Analysis	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
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

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	ATX300W (PoE)	
Power Consumption	< 20W (without HDD, PoE Off)	
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)	

## System & Hardware

PoE Interface	RJ45 100Mbps x16
PoE Standard	IEEE802.3AF/AT
PoE Output Power	≤ 150W
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 2.11 (Standard or Professional)

## Storage Options

<b>Barebones</b>	<b>Code:</b> VIPER-NVR-AI2-32BB
<b>1TB</b>	<b>Code:</b> VIPER-NVR-AI2-32-1TB
<b>2TB</b>	<b>Code:</b> VIPER-NVR-AI2-32-2TB
<b>4TB</b>	<b>Code:</b> VIPER-NVR-AI2-32-4TB
<b>6TB</b>	<b>Code:</b> VIPER-NVR-AI2-32-6TB
<b>8TB</b>	<b>Code:</b> VIPER-NVR-AI2-32-8TB
<b>10TB</b>	<b>Code:</b> VIPER-NVR-AI2-32-10TB
<b>12TB</b>	<b>Code:</b> VIPER-NVR-AI2-32-12TB
<b>16TB</b>	<b>Code:</b> VIPER-NVR-AI2-32-16TB
<b>20TB</b>	<b>Code:</b> VIPER-NVR-AI2-32-20TB
<b>24TB</b>	<b>Code:</b> VIPER-NVR-AI2-32-24TB
<b>30TB</b>	<b>Code:</b> VIPER-NVR-AI2-32-30TB

Additional storage options exceeding 30TB available upon request