



32 Channel High-Capacity AI NVR

CODE: VIPDL-NVR-AI8-32BB



Artificial Intelligence



8 SATA
(Up to 80TB)



Advanced Face Recognition



Peer-2-Peer Supported

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; 1280 x 1024; 960P; 720P; 960H; D1; CIF
Network Bandwidth	Incoming: 320Mbps / Outgoing: 256Mbps
Output	HDMI1: 3840 x 2160; 1920 x 1080; 1280 x 1024; 1024 x 768 HDMI2: 1920 x 1080; 1280 x 1024; 1024 x 768 VGA x1: 1920 x 1080; 1280 x 1024; 1024 x 768
Multi-Screen Display	Main Output: 1 / 4 / 6 / 8 / 9 / 13 / 16 / 25 / 32 / 36 (Live View) AUX Output: 1 / 4 / 6 / 8 / 9 (Live View) Max. 32+9 Channel (Local Live View)

Audio

Network Input	32CH IPC Audio Input
2-Way Audio	RCA x1
Local Output	RCA x1
Compression	G.711(U/A)



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Record

Resolution	12MP; 9MP; 8MP; 6MP; 5MP; 4MP; 3MP; 1080P; 1280 x 1024; 960P; 720P; 960H; D1; CIF	
Frame Rate	12MP	PAL: 20ps; NTSC: 20fps
	9MP or Lower	PAL: 25ps; NTSC: 30fps

Playback

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
Decoding Capability	1CH: Up to 12MP 4CH: Up to 1080P (Live View & Playback)

Alarm

Mode	Manual; Sensor; Motion; Exception; Smart Events
Input	16CH Local Alarm Input
Output	4CH
Triggering	Record; Snap; Preset; Email

Smart Features

Face Detection	Face Detection Performance (AI by IPC)	32CH
	Face Detection Performance (AI by Device)	2CH (1080P)
	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



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Smart Features

Face Detection	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
Perimeter Protection	People & Vehicle Classification (AI by IPC)	32CH
	People & Vehicle Classification (AI by Device)	2CH (1080P)
Video Metadata	People & Vehicle Attribute Analysis (AI by IPC)	Supported
Other Features	Fisheye Dewarping	Supported Through NVR, Web or App
	Plate Recognition (AI by IPC)	Supported

Network

Interface	RJ45 10/100/1000Mbps x2
Protocol	TCP / IP; HTTP; HTTPS; 802.1X; FTP; DNS; DHCP; DDNS; RTP; RTSP; RTCP; NTP; UPnP; SMTP; IPv6; IPv4; UDP; WebSocket; PPPoE; SNMP; IGMP; ONVIF
Client Connection	Max. 128 Users Access

System & Hardware

OS	Embedded Linux	
Video Management Software (PC or Mac)	NVMS 2.0 (Lite, Standard or Professional)	
Mobile App (iOS or Android)	SuperLive Plus	
HDD	HDD Interface	SATA x8 (Max. 10TB for Each HDD; 80TB Total)
	E-SATA Interface	E-SATA x1
	RAID Type	RAID 0, 1, 5, 6, 10
Backup	Local Backup	U Disk; USB Mobile HDD
	Network Backup	Supported



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IP

12^{4K}
MP



External Interface

RS485	Supported (Full-Duplex) with PTZ or Keyboard
USB	USB 3.0 x1; USB 2.0 x2



Parameters & Dimensions

Power Supply	ATX250W
Power Consumption	≤30W (without HDD)
Operating Environment	Temperature: -10°C to +50°C (+14°F to +122°F) Humidity: 10% to 90%
Dimensions	445mm x 436mm x 90mm
Certificate	CE; FCC
Environmental Protection	Complies with: <ul style="list-style-type: none">- Directive EU RoHS- WEEE (2012/19/EU)- Directive 94/62/EC- REACH (EC1907/2006)