VIPER-NVR-AI8-N-32BB
12MP 32CH AI NETWORK VIDEO RECORDER

VIPER

- 32CH 12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIFIP input

- H.265S/ H.265+/ H.265/ H.264 coding

- Intuitive and user-friendly Graphic User Interface (GUI); Windows style operation by mouse

- Multi-mode recording: manual / timed / motion / sensor / POS / AI recording

- 16CH simultaneous playback

- Search: time slice, time, event, tag and smart search

- Supports face detection and comparison

- Supports multiple VCA (Video Content Analytics) events, such as object abandoned/ missing, region intrusion, tripwire, video exception, etc.

- Supports POS information overlay on live view and playback

- Supports RAID0, RAID1, RAID5, RAID6, RAID10

- Express and flexible backup via USB, network etc.

- Pentaplex : preview, record, playback, backup and remote access

- DHCP, DDNS, PPPoE network protocol

- Remote control via Web Client or CMS :

- Dual stream technology for local storage with high definition

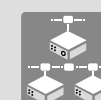- Supports PTZ preset and auto cruise;up to 255 presets and 8 cruises

HD IPC	DDNS	Network	PTZ
Audio	MIC	Mobile	CMS
USB	Mouse	E-mail	STD
FR	VCA		

VIPER-NVR-AI8-N-32BB

Specification	VIPER-NVR-AI8-N-32BB
System	
OS	Embedded Linux
Video	
IP Video Input	32CH IPC input
Incoming/Outgoing Bandwidth	256Mbps / 256Mbps
IP Video Input Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/ 1280×1024/960P/ 720P/960H/D1/CIF
Output	HDMI1 : 3840×2160@60fps/3840×2160@30fps/ 1920×1080/1280×1024/1024×768 HDMI2: 1920×1080/1280×1024/1024×768 VGA × 1 : 1920×1080/1280×1024/1024×768
Compression	H.265S/ H.265+/ H.265/ H.264
Multi-Screen Display	1/4/6/8/9/13/16/25/32/36
Audio	
Network Input	32CH IPC audio input
2-Way Audio	RCA x1
Local Output	RCA x1
Compression	G.711(U/A)
Recording	
Record Stream	Dual stream recording
Resolution	12MP@20fps; 8MP/ 6MP/5MP/4MP/3MP /1080P/1280×1024/ 960P/ 720P/960H/D1/ CIF@30fps(NTSC)/25fps(PAL)
Playback	
Simultaneous Playback	Max. 16CH
Search	Time slice / time / event / tag / smart search
Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
Functions	Play, pause, FF, FB, digital zoom, etc.
Decoding Capability	
Live View/Playback	1CH 12MP/4CH 5MP/9CH 720P/16CH D1
Alarm	
Mode	Manual, motion, exception, smart event
Input	8CH local alarm input; supports IPC alarm input
Output	4CH
Triggering	Record, snapshot, buzzer, preset, e-mail, etc.
Face	
Channel	32CH
Face Picture Database	32 libraries. 5000 face pictures
Computing Capability	180 pictures / minute
Face Picture Search	Search by picture is supported
Database Management	Add, modify, delete and search face pictures
Adding Face Pictures	Add face pictures through app, web and external import
Face Picture Comparison	Allow list, block list and stranger-match alarm
Track	Track display on a map
Statistic Graph	Bar graph
Statistic Mode	Statistics by day, week, month, quarter as well as custom time period
Video Structure Analysis (VSA)	
Human/Vehicle Classification	Supported
Other	
Fisheye	Supports fisheye dewarping via Web Client and mobile app
Plate Recognition	Supported

Network	
Interface	RJ45; 10/100/1000 Mbps ×2
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, RTSP, HTTP, HTTPs, 802.1x, SNMP, ONVIF, etc.
Client Connection	Max. 20 users access
Mobile Device	
OS	iOS/Android
Storage	
HDD Interface	SATA x8, up to 8TB per HDD; e-SATA x2
RAID	RAID0, RAID1, RAID5, RAID6, RAID10
Backup	
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
Port	
USB	USB2.0 x2, USB3.0 x1
RS 485	Yes (full-duplex); connect to PTZ or keyboard
Remote Control	Yes
Other	
Power Supply	ATX250W
Consumption	≤ 30W (without HDD)
Dimensions (mm)	445 x 436 x 90 (WxDxH)
Working Environment	-10 ~50°C; 10% ~ 90% humidity
Certificate	CE, FCC
Environment Protection	Directive EU RoHS, REACH and WEEE

DIMENSIONS