

VIPER-NVR-AI2-8BB

12MP 8CH AI NETWORK VIDEO RECORDER



- 8CH 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
- 8CH 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



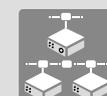
Audio



MIC



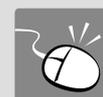
Mobile



CMS



USB



Mouse



E-mail



STD



FR



VCA

VIPER-NVR-AI2-8BB



Specification	VIPER-NVR-AI2-8BB
System	
OS	Embedded Linux
Video	
IP Video Input	8CH IPC input
Incoming/Outgoing Bandwidth	80Mbps / 80Mbps
IP Video Input Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/ 720P/960H/D1/CIF
Output	HDMI1 : 3840x2160@60fps/3840x2160@30fps/1920x1080/1280x1024/1024x768 VGA x 1 : 1920x1080/1280x1024/1024x768
Audio	
Network Input	8CH 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/1280x1024/ 960P/ 720P/960H/D1/ CIF@30fps(NTSC)/25fps(PAL)
Playback	
Simultaneous Playback	Max. 8CH
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 1080P
Alarm	
Mode	Manual, motion, exception, smart event
Input	8CH local alarm input; supports IPC alarm input
Output	4CH
Triggering	Record, snapshot, preset, e-mail, etc.
Face	
Channel	8CH
Face Picture Database	32 libraries. 10000 face pictures
Computing Capability	18 pictures / second
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; 1000 Mbps x1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, RTSP, HTTP, HTTPS, 802.1x, SNMP, ONVIF, etc.
Client Connection	Max. 10 users access
Mobile Device	
OS	iOS/Android
Storage	
HDD Interface	SATA x1, up to 10TB
Backup	
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
Port	
PoE	RJ45 100Mbps x8
USB	USB2.0 x2, USB3.0 x1
Other	
Power Supply	DC48V/2.5A
Consumption	≤ 20W (without HDD)
Dimensions (mm)	300 x 249 x 45 (WxDxH)
Working Environment	-10 ~50°C; 10% ~ 90% humidity
Certificate	CE, FCC
Environment Protection	Directive EU RoHS, REACH and WEEE

DIMENSIONS

