

Facial Recognition

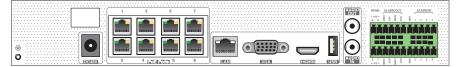
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- Support 8 CH 8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P IP input
- Adopt standard H.265 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse
- Multi-mode recording: manual / timer / motion / sensor
- Playback: 8 CH simultaneous playback
- Search: time slice, time, event (manual, sensor, motion), tag search
- Support face detection and comparison
- Express and flexible backup via USB, network and so on
- Pentaplex: preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol and CMS supported
- Remote control via IE or CMS: preview, playback, backup, PTZ and configuration
- 8 PoE network ports, support IPC direct connection to NVR; support
- PoE power supply

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- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Multi-user online simultaneously
- Authorisation management, log view and device status view
- 4K output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QRCode scanning by mobile phone and PAD
- Powerful smart phone and Pad surveillance with iOS and Andriod OS

SPECIFICATION	VIPER-NVR-AI-8BB
System	
Compression	Standard H.265 / H.264
OS	Embedded Linux
Video	
Network Input	8 CH IPC input
Network Bandwidth	80Mbps / 80Mbps (access / transfer)
Network Access Format	8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P@25 / 30fps
Output	HDMI x 1: 4K x 2K / 1920 x 1080 / 1280 x 1024 / 1024 x 768 VGA x 1: 1920 x 1080 / 1280 x 1024 / 1024 x 768
Audio	
Network Input	8 CH IPC audio input
2-way Audio	RCA x 1
Local Output	RCA x 1
Record	
Record Stream	Dual stream recording
Resolution	8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P
Mode	Manual, timer, motion, sensor
Playback	
Simultaneous Playback	Max 8 CH
Search	Time slice / time / event / tag search
Smart Search	Highlighted colour to display the camera record in a certain period of time, different colours refers to different record events
Function	Play, pause, FF, FB, digital zoom, etc.
Alarm	
Mode	Manual, sensor, motion, exception
Input	8 CH local alarm input, support 8 CH IPC alarm input
Output	4 CH
Triggering	Record, snap, preset, e-mail, etc.





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## SPECIFICATION cont. VIPER-NVR-AI-8BB

Channel8 CHFace Picture Database16 libraries 10000 Face PicturesFace Picture Database16 libraries 10000 Face PicturesFace Picture SearchSearch by picture is supportedDatabase ManagementAdd face pictures is supportedFace Picture AddingAdd face pictures through APP, WEB and local PCExternal Face PictureResolution: $64 \times 64 / 1920 \times 1080$ EnrollmentSize: less than 200KB Format: jpgFace Picture ComparisonSupport allow list and block list alarmFace Picture TaceYesMap of FaceResolution: 600 x 300 / 3840 x 2160InformationStatistic by day, week, month, quarter as well as customised time periodNetworkInterfaceInterfaceR J45 1000 Mbps x 1PoE PortR J45 x 8ProtocolTCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTPWeb ClientMultiple users onlineMobile DeviceOSOSiOS, AndriodStarageInterfaceHDDSATA x 1, max 8TBackupUse <td< th=""><th>Face</th><th></th></td<>	Face	
Computing Capability   240 pictures / minute     Face Picture Search   Search by picture is supported     Database Management   Add, modify, delete and search face pictures     Face Picture Adding   Add face pictures through APP, WEB and local PC     External Face Picture   Resolution: 64 × 64 / 1920 × 1080     Enrollment   Size: less than 200KB Format: jpg     Face Picture Comparison   Support allow list and block list alarm     Face Trace   Yes     Map of Face Trace   Resolution: 600 × 300 / 3840 × 2160     Size: within 200KB Format: jpg   Statistic Graph of Face     Information   Bar graph, pie chart     Information   Statistics by day, week, month, quarter as well as customised time period     Network   Interface     RJ45 1000 Mbps x 1   PoE Port     PoE Port   RJ45 x 8     Protocol   TCP / IP, PPOE, DHCP, DNS, DDNS, UPnP, NTP, SMTP     Web Client   Multiple users online     Mobile Device   OS     OS   iOS, Andriod     Storage   IDD     DL   SATA x 1, max 8T     Backup   Ves     Port   RS485 x 2, connect to PTZ or keyboard <th>Channel</th> <th>8 CH</th>	Channel	8 CH
Face Picture SearchSearch by picture is supportedDatabase ManagementAdd, modify, delete and search face picturesFace Picture AddingAdd face pictures through APP, WEB and local PCExternal Face PictureResolution: 64 × 64 / 1920 × 1080EnrollmentSize: less than 200KB Format: jpgFace Picture ComparisonSupport allow list and block list alarmFace TraceYesMap of Face TraceResolution: 600 × 300 / 3840 × 2160Size: within 200KB Format: jpgStatistic Graph of FaceInformationBar graph, pie chartStatistic Mode of FaceStatistics by day, week, month, quarter as well as customised time periodNetworkInterfacePoE PortRJ45 1000 Mbps x 1PoE PortRJ45 x 8ProtocolTCP / IP, PPOE, DHCP, DNS, DDNS, UPnP, NTP, SMTPWeb ClientMultiple users onlineMobile DeviceIOS, AndriodStarageIODLocal BackupU disk, USB mobile HDDNetwork BackupYesPortRS485 x 2, connect to PTZ or keyboardUSBUSB 2.0 x 1, USB 3.0 x 1 (one in the front panel and the other in the rear panel)OthersPower SupplyPotasysterDC48V/2.5AConsumption≤ 15W (without HDD )Dimensions (mm)300 x 248 x 52 (W x D x H )	Face Picture Database	16 libraries 10000 Face Pictures
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StorageHDDSATA x 1, max 8TBackupLocal BackupU disk, USB mobile HDDNetwork BackupYesPortRS485RS485 x 2, connect to PTZ or keyboardUSBUSB 2.0 x 1, USB 3.0 x 1 (one in the front panel and the other in the rear panel)OthersPower SupplyDC48V/2.5AConsumption $\leq$ 15W ( without HDD )Dimensions (mm) $300 x 248 x 52 (W x D x H )$	Mobile Device	
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Backup     Local Backup   U disk, USB mobile HDD     Network Backup   Yes     Port   RS485     RS485   RS485 x 2, connect to PTZ or keyboard     USB   USB 2.0 x 1, USB 3.0 x 1 (one in the front panel and the other in the rear panel)     Others   Power Supply     Power Supply   DC48V/2.5A     Consumption   ≤ 15W (without HDD )     Dimensions (mm)   300 x 248 x 52 (W x D x H )	Storage	
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Power Supply     DC48V/2.5A       Consumption     ≤ 15W ( without HDD )       Dimensions (mm)     300 x 248 x 52 ( W x D x H )	USB	
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Dimensions (mm)     300 x 248 x 52 (W x D x H)	Power Supply	DC48V/2.5A
	Consumption	≤ 15W ( without HDD )
Work Environment $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}, 10\% \sim 90\%$ humidity	Dimensions (mm)	300 x 248 x 52 ( W x D x H )
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