

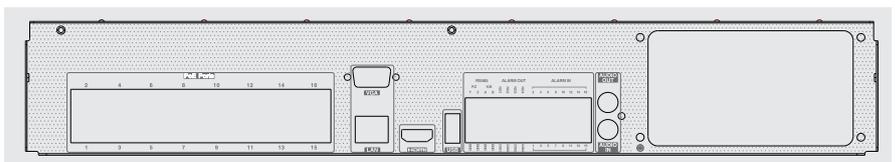


Facial Recognition

## QVIS® | 16CHN POE NVR

- Support 16 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: 16 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
- 16 PoE network ports, support IPC direct connection to NVR; support PoE power supply
- 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 QR Code scanning by mobile phone and PAD
- Powerful smart phone and Pad surveillance with iOS and Andriod OS

SPECIFICATION	VIPER-NVR-AI-16BB
<b>System</b>	
Compression	Standard H.265 / H.264
OS	Embedded Linux
<b>Video</b>	
Network Input	16 CH IPC input
Network Access Bandwidth	160 Mbps
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
<b>Audio</b>	
Network Input	16 CH IPC audio input
Two-way audio	RCA x 1
Local Output	RCA x 1
<b>Record</b>	
Resolution	8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P
Record Stream	Dual stream recording
Mode	Manual, timer, motion, sensor
<b>Playback</b>	
Simultaneous Playback	Max 16 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.
<b>Alarm</b>	
Mode	Manual, sensor, motion, exception
Input	16 CH local alarm input, support 16 CH IPC alarm input
Output	4 CH
Triggering	Record, snap, preset, e-mail, etc.





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SPECIFICATION cont. VIPER-NVR-AI-16BB	
<b>Face</b>	
Channel	16 CH
Face Picture Database	16 libraries 10000 Face Pictures
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 Enrollment	Resolution: 64 x 64 / 1920 x 1080 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 x 300 / 3840 x 2160 Size: within 200KB Format: jpg
Statistic Graph of Face Information	Bar graph, pie chart
Statistic Mode of Face Information	Statistics by day, week, month, quarter as well as customised time period
<b>Network</b>	
Interface	RJ45 10 / 100 / 1000 Mbps x 1
PoE Port	RJ45 x 16
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
Web Client	Multiple users online
<b>Mobile Device</b>	
OS	iOS, Andriod
<b>Storage</b>	
HDD	SATA x 4, max 8T per HDD
<b>Backup</b>	
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
<b>Port</b>	
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)
Remote Controller	Yes
<b>Others</b>	
Power Supply	ATX
Consumption	≤ 30W ( without HDD )
Dimensions (mm)	440 x 390 x 70 ( W x D x H )
Work Environment	-10°C ~ +50°C, 10% ~ 90% humidity