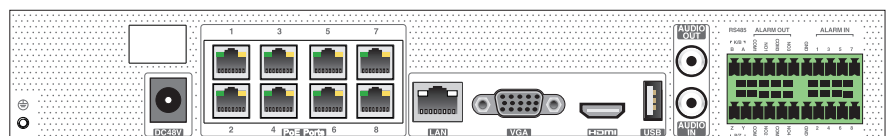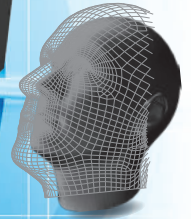# VIPER
Network Video Recorder

Facial Recognition

QVIS® | 8CHN POE NVR

- 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
- 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
Face	
Channel	8 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
Network	
Interface	RJ45 1000 Mbps x 1
PoE Port	RJ45 x 8
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
Web Client	Multiple users online
Mobile Device	
OS	iOS, Andriod
Storage	
HDD	SATA x 1, max 8T
Backup	
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
Port	
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	DC48V/2.5A
Consumption	≤ 15W (without HDD)
Dimensions (mm)	300 x 248 x 52 (W x D x H)
Work Environment	-10°C ~ +50°C, 10% ~ 90% humidity

AData