SN-NVR2608E1-P8-J

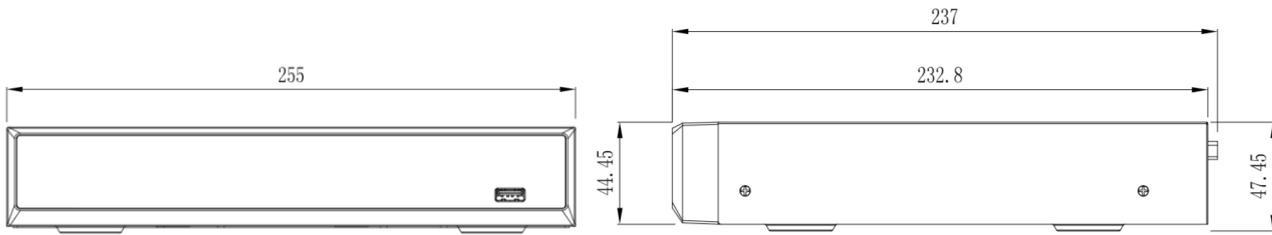## 8CH 1HDD AI NVR with 8CH PoE

Key Features

- Up to 8ch IP cameras access

- 8ch picture stream face recognition

- Max 20 face pictures /sec processing

- Up to 16 face databases with 10,000 face images in total

- Support attendance management

- Smart search & playback

- Simultaneous HD-OUT&VGA up to 4K output

- 8ch PoE Ports

Specification

System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX

Audio and Video	
IP Camera Input	8 Channel
Two-way Talk	Yes
Video Encryption	Optional(-S)
Intelligent Video	Face Recognition, Attendance

Face Recognition	
Performance	Max 20 face pictures /sec processing
	4ch picture stream face recognition
Stranger Mode	Detect strangers' faces (not in device's face database) Similarity threshold can be set manually
AI Search	Search for image by image Search image by properties
Database Management	Up to 16 face databases with 10,000 face images in total
Database Application	Every data can be applied to any channel
Trigger Events	Buzzer, Alarm Out, compare the result simultaneously, etc.

Display	
Interface	1 HD-OUT, 1 VGA
Resolution	HD-OUT: 3840×2160,1920×1080,1440×900, 1280×1024 VGA: 1920×1080, 1280×1024, 1280×720
Decoding Capacity	1ch 12MP/4ch 8MP/8ch 4MP@30fps
Multi-screen Display	1/4/8

Recording	
Compression	H.265/H.264
Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/720P/ D1&etc.
Record Rate	80Mbps
Bit Rate	100Kbps ~ 8Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), Motion Detection, Video Loss, Camera Tamper, Alarm in
Record Interval	Post-record: 30 ~ 60 sec

Video Detection and Alarm	
Trigger Events	Recording, Buzzer, Push message, Pop up message.
Video Detection	Motion Detection, Video Loss, Camera Tamper
Alarm In/Out	8/1

Playback and Backup	
Sync Playback	8/4/1
Search Mode	Time /Date, Alarm, Picture grid, Event
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device

Network	
Interface	1 RJ-45 port (10M/100Mbps)
PoE Interface	8ch 100Mbps, IEEE802.3af
PoE Max Power	80W
Network Function	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP
Optical Fiber Interface	N/A
Max. User	Access 10 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF, SDK, CGI

Storage	
Internal HDD	1 SATA Ports, up to 10TB for each HDD
Mounting Mode	Embedded
eSATA	N/A

Interface	
USB	2 ports (USB 2.0 x1, USB3.0 x1)
RS232	N/A
RS485	N/A
Audio I/O	1ch MIC in, 1ch Audio line out
Reset Button	N/A

General	
Power Supply	DC48V/2.5A
Power Consumption	< 5W (without HDD)
Operating Conditions	-10 °C ~ 50 °C (14 °F ~ 122 °F)
Storage Conditions	Less than 90% RH
Certifications	CE/FCC
Dimensions	255×235×47.5mm
Net Weight	1kg

Dimensions(mm)

255

44.45

237

232.8

47.45

Rear Panel

POE PORTS

1　3　5　7

2　4　6　8

LAN　AUDIO　OUT　IN　VGA　HD-OUT　USB3.0　ALARM I/O　DC 48V

OUT 1 C 1 3 5 7 N
C C 2 4 6 8