SUNELL

SN-NVR3632E8-J

32CH 8HDD AI NVR

Key Features

- Up to 32ch IP cameras access

- Support face recognition, ANPR, multi-objective recognition

- Up to 20 face pictures /sec processing

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

- 2 RJ45 10M/100M/1000M network interface

- Support RAID 5/6/10

- Smart search & playback

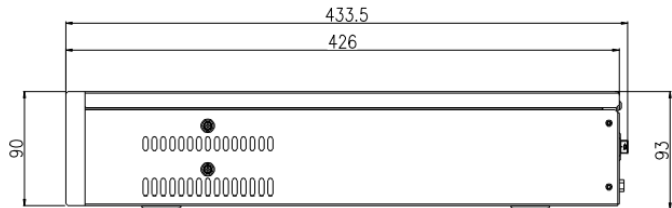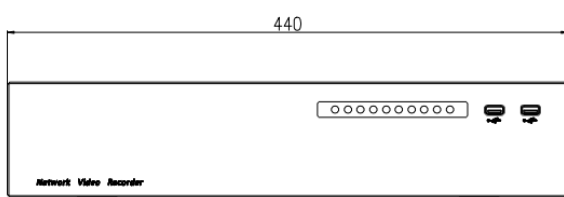- Support cloud upgrade

Specification

Video Input	
IP Camera Input	32 Channel
Incoming Bandwidth	320Mbps
Outgoing Bandwidth	320Mbps

Video Output	
HDMI Output	HDMI 1: 1920×1080, 1440×900, 1280×1024 HDMI 2: 3840×2160, 1920×1080, 1440×900, 1280×1024
VGA Output	1920×1080, 1440×900, 1280×1024
Different Source Output	Support
Decoding Capacity	1ch 12MP, 4ch 8MP, 8ch 4MP, 16ch 1080P, 32ch D1
Dual Stream	Support
Multi-screen Display	1st Screen: 1/4/8/9/16/32/36 2nd Screen: 1/4/8/9/16

AI Recognition	
Face Comparison	Real-time captured and display faces comparison results (registrant (name and ID), stranger, channel, similarity)
License Plate	Real-time captured and display license plates and database comparison results (channel, time, license plate, library and expiration time)
Multi-objective	Real-time captured and display vehicle, human body, non-motor vehicle, license plates image, and faces comparison results (registrant, stranger, channel, similarity)
Body Temp-filter	Real-time body temperature screening and display temperature recording and over temperature snapshots
Smart Search	Time, Properties, Pictures, Gender, Cycling style, Vehicle color, License plate
Trigger Events	Buzzer, Alarm push, Alarm prompt, Email, Alarm Out, Compare the result simultaneously, etc.

Face Recognition	
Performance	Max 20 face pictures/sec processing
Stranger Mode	Detect strangers faces (not in device's face database) Similarity threshold can be set manually
Smart 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

License Plate Recognition	
Comparison	Real-time captured and display license plates and database comparison results (channel, time, license plate, library and expiration time)
Smart Search	Search image by time and license plate
Database Management	Up to 16 license plate libraries with 10,000 license plate images in total Support for custom configuration, import, export
Database Application	Every data can be applied to any channel

Multi-objective	
Face	Real-time captured and display faces comparison results
License plate	Real-time captured and display license plates and database comparison results
Vehicle	Real-time captured and display vehicle image
Human Body (Non-motor Vehicle)	Real-time captured and display human body, non-motor vehicle image
Smart Search	Time, Properties, Gender, Cycling style, Vehicle color, License plate

Body Temp-filter	
Performance	Max 20 face pictures /sec processing
Temperature	Real-time display of temperature measurement results
Smart Search	Time, Person Type, Temperature Type, ID

Attendance	
Data Management	Supported attendance library, time, search type search attendance details, and export query result
Rules Setting	Setting working hours, working days, effective check-in time and effective check-out time
Library	Support to add and delete from face library
Check Point Settings	Tabular display of attendance point information (channel name, attendance base, similarity, enabled status, operate) Single channel attendance point information editing, attendance point channel switch, similarity setting, attendance library selection

Recording	
Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.
Recording Mode	Manual, Schedule (Regular, Continuous), Event
Trigger Events	Motion Detection, Video Loss, Alarm in, IVS

Playback and Backup	
Sync Playback	16/9/4/1
Search Mode	Time /Date, Alarm, Picture grid, Event
Backup Mode	USB Device, Network, eSATA

Network	
Interface	2 RJ-45 port (10/100/1000Mbps)
PoE	N/A
Network Function	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3G/4G, PPPoE
Remote Users	8 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF, SDK, CGI

Storage	
HDD	8 SATA Ports, up to 12TB for each HDD
eSATA	1 eSATA Port
Cloud Storage	Support

Disk Array	
Array Type	RAID 5, RAID 6, RAID 10

Interface	
Audio I/O	1/1
Alarm Input	16ch
Alarm Output	4ch
USB	3 ports (USB 2.0 × 2, USB3.0 × 1)
RS485	1 Port
RS232	1 Port

General	
Power Supply	AC100 ~ 240V
Power Consumption	< 15 W (without HDD)
Operating Conditions	-10 °C ~ 50 °C (14 °F ~ 122 °F)
Storage Conditions	Less than 90% RH
Certifications	CE/FCC
Dimensions	440 × 433.5 × 93 mm (17.32 × 17.1 × 3.66 inch)
Net Weight	7.2 kg (15.87 lb) without HDD

Dimensions (mm)

Rear Panel