SUNELL

SN-NVR3808E1-J (III)
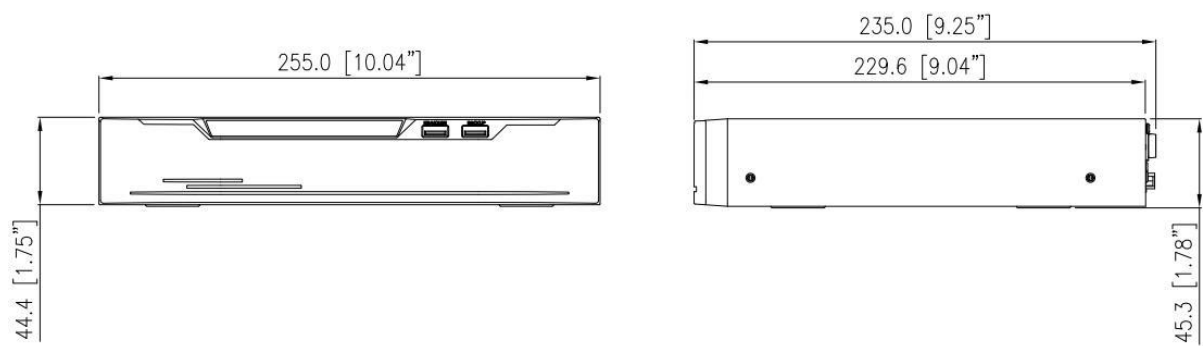
8CH 1HDD 4K NVR

Key Features

- Up to 8-ch IP cameras access

- Up to 80 Mbps incoming/outgoing bandwidth

- Up to 1-ch @ 12MP/4-ch @ 4MP/8-ch @ 1080P decoding capacity

- Support mask detection, face recognition and multi-objective recognition

- Support VCA alarm linkage

- Up to 4-ch perimeter protection

- Support 1 HDMI and 1 VGA interface

- Support ANR

Specification

Video Input

IP Camera Input	8 Channel
Incoming Bandwidth	80 Mbps
Outgoing Bandwidth	80 Mbps

Video Output

HDMI Output	3840 × 2160, 1920 × 1080, 1280 × 1024, 1024 × 768
VGA Output	1920 × 1080, 1280 × 1024, 1024 × 768
Decoding Capacity	1ch 12MP, 4ch 4MP, 8ch 1080P Enable Local Intelligence: 1ch 8MP, 4ch 1080P, 8ch D1
Dual Stream	Support
Multi-screen Display	1/4/9

AI Recognition

Face Comparison	Real-time captured and display faces comparison results (registrant (name and ID), stranger, channel, similarity)
Multi-objective	Real-time captured and display vehicle, human body, non-motor vehicle, license plates image, and faces comparison results (registrant, stranger, channel, similarity)
Smart Search	Time, Properties, Pictures, License plate
Trigger Events	Buzzer, Alarm push, Alarm prompt, Email, Alarm Out, Compare the result simultaneously, etc.

Recoding

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	8/4/1
Search Mode	Time /Date, Alarm, Picture grid, Event
Backup Mode	USB Device, Network

Alarm

General Alarm	Motion Detection, Video Loss, Alarm in, Alarm out
Intelligent Analysis (By Camera)	Smoking Detection, Smoke and Fire Detection, Fire Spot Detection, Intrusion, Single Line Crossing, Double Line Crossing, Loitering, Wrong-way, Illegal Parking, People Counting, Smart motion detection, Enter Area, Leave Area, etc.
Abnormal Alarm	Disk Alarm, IP Address Conflict, Network Disconnect
Intrusion Detection (By NVR)	4-ch, support the accurate detection of human and vehicle

Network	
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3G/4G, PPPoE
Remote Users	8 users
P2P	Support
Interoperability	ONVIF, SDK, CGI
Storage	
ANR	Support
Data Encryption	Support
Interface	
HDD Interface	1 SATA interfaces, up to 12TB capacity for each disk
Network Interface	2 × RJ-45, 10/100 Mbps self-adaptive Ethernet port
HDMI	1
VGA	1
Audio In/Out	1/1
Alarm In/Out	4/1
USB Interface	Front panel: 2 × USB 2.0
Reset Button	On-board reset button
General	
Power Supply	12VDC/3A
Power Consumption	< 15 W (without HDD)
Operating Conditions	-10 °C to 50 °C (14 °F to 122 °F)
Storage Conditions	Less than 90% RH
Certifications	CE/FCC
Dimensions	255 × 235.0 × 45.3 mm (10.04 × 9.25 × 1.78 inch)
Net Weight	0.8 kg (1.76 lb) without HDD

Dimensions (mm)

Rear Panel