# SUNELL

# SN-NVR3804E1-P4-J (III)
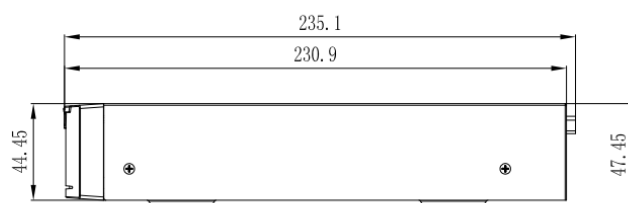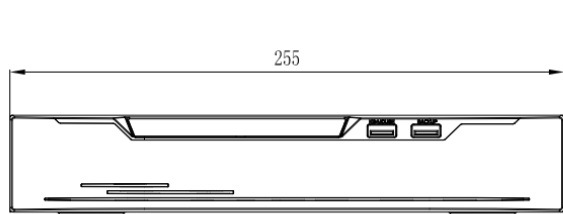
## 4CH 1U 1HDD 4CH PoE NVR



## Key Features

- Up to 4ch IP cameras access
- Up to 12MP resolution for live view and recording
- Support face recognition and multi-objective recognition
- AI by NVR: 4ch intrusion detection
- 1 SATA HDD, up to 12TB for each HDD
- 1 RJ45 10/100Mbps network interface
- Plug-and-play with 4 independent PoE network interfaces
- Smart search & playback
- Support cloud upgrade

# Specification

| Video Input | |
| --- | --- |
| IP Camera Input | 4 Channel |
| Incoming Bandwidth | 40 Mbps |
| Outgoing Bandwidth | 40 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@30fps |
| Dual Stream | Support |
| Multi-screen Display | 1/4 |

| 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, 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 | 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, Enter Area, Leave Area, etc. |
| Abnormal Alarm | Disk Alarm, IP Address Conflict, Network Disconnect |
| Intrusion Detection (By NVR) | 4ch, support the accurate detection of human and vehicle |

| Network | |
| --- | --- |
| 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 |

| Interface | |
| --- | --- |
| SATA | 1 SATA Port, up to 12TB for each disk |
| Network | 1 RJ-45 10/100 Mbps self-adaptive Ethernet port |
| PoE | 4 ports, IEEE 802.3af, Max 32W |
| HDMI | 1 |
| VGA | 1 |
| Audio I/O | 1/1 |
| Alarm I/O | 4/1 |
| USB | Front panel: 2 x USB 2.0; Rear panel: 1 x USB 2.0 |
| Reset Button | On-board reset button |

| General | |
| --- | --- |
| Power Supply | DC48V/1.25A |
| 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 | 255 × 235.1 × 47.5 mm (10.04 × 9.26 × 1.87 inch) |
| Net Weight | 0.9 kg (1.98 lb) without HDD |

# Dimensions (mm)

255

235.1

230.9

44.45

47.45

# Rear Panel

Ground

POE
Ports

Audio
Output

Power
Switch

POE PORTS
1    3

2    4

LAN

OUT

IN
AUDIO

VGA

HDMI

USB

ALARM I/O

DC 48V

LAN

Audio
Input

VGA

HDMI

USB

Alarm
I/O

DC 48V
Power