



SN-NVR3816E2-J (III)

16CH 1U 2HDD 4K NVR



Key Features

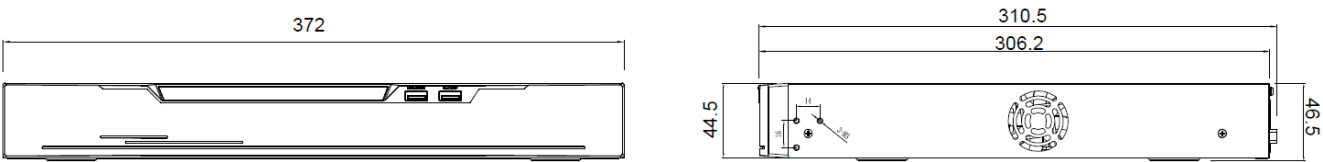
- Up to 16ch IP cameras access
- Up to 12MP resolution for live view and recording
- Support face recognition and multi-objective recognition
- AI by NVR: 4ch intrusion detection
- 2 SATA HDDs, up to 8TB for each HDD
- 2 RJ45 10/100/1000Mbps network interface
- Smart search & playback
- Support cloud upgrade

Specification

Video Input	
IP Camera Input	16 Channel
Incoming Bandwidth	112 Mbps
Outgoing Bandwidth	112 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, 16ch D1 @30fps
Dual Stream	Support
Multi-screen Display	1/4/9/16
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	16/9/4/1
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	2 SATA ports, up to 8TB for each disk
Network	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet port
HDMI	1
VGA	1
Audio I/O	1/1
Alarm I/O	8/1
USB	Front panel: 2 x USB 2.0
Reset Button	On-board reset button
General	
Power Supply	DC12V/3A
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	372 × 310.5 × 46.5 mm (16.65 × 12.2 × 2.2 inch)
Net Weight	1.8 kg (3.97 lb) without HDD

Dimensions (mm)



Rear Panel

