

# SN-NVR2508E1-P8 8CH 1HDD NVR with 8CH POE



- Up to 8ch IP cameras access
- Easy to use Same Interface of GUI/WEB/Client
- 1 SATA hard disk up to 8TB
- 1 RJ45 10M/100M network interface
- 8CH POE Ports
- Simultaneous HD-OUT&VGA up to 4K output
- 2 x 2.0 USB Host
- 8ch Alarm In/1ch Alarm Out
- 1ch Audio I/O

### System Overview

Sunell NVR2508E1-P8 is capable of transmitting 8MP image. It helps to save up to 50% HDD and storage space with its H.265 decoding technology compared with H.264. Due to its cost-effective and easy-to-install design, this NVR is ideal for a wide range of applications such as home safety, grocery, warehouse, education, and financial institutions. The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems that work independently of video management system (VMS). It features an open architecture that supports for multi-user access and is compatible with ONVIF 2.4 protocol, enabling interoperability with IP cameras.

### **Functions**

#### **4K Resolution**

4K resolution is a revolutionary breakthrough in image processing technology. 4K delivers four times the resolution of standard HDTV 1080p cameras and offers superior picture quality and image details. 4K resolution improves the clarity of a magnified scene to view or record crisp forensic video from large areas.

#### High Efficiency Video Coding (H.265)

The H.265 video compression standard offers double the data compression ratio at the same level of video quality, or substantially improved video quality at the same bit rate, as compared to older video compression technologies. H.265 offers such impressive compression by expanding the pattern comparison and difference-coding, improving motion vector prediction and motion region merging, and incorporating an additional filtering step called sample-adaptive offset filtering.

#### **Inview Pro 3**

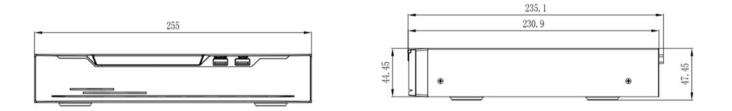
The Inview Pro 3 app is available on the iOS App Store and Google Play. It makes surveillance easy and simple, allowing you to remotely access IPC/NVR/DVR devices, view live video, receive event push notifications, and search for recorded videos from an iPhone, iPad, or Android phone at anytime from virtually anywhere.

# **Technical Specification**

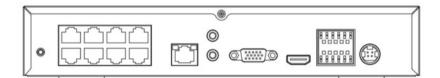
System		
Main Processor	Dual-core embedded processor	
Operating System	Embedded LINUX	
Audio and Video		
IP Camera Input	8 Channel	
Two-way Talk	1ch input, 1ch output	
Display		
Interface	1 HD-OUT, 1 VGA	
Resolution	HDMI: 3840×2160,1920×1080,1440×900, 1280×1024	
	VGA: 1920×1080, 1280×1024, 1280×720	
Decoding Capacity	8ch 720P/4ch 1080P/1ch 8MP@30fps	
Multi-screen Display	1/4/9	
Recording		
Compression	H.265/H.264	
Resolution	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	1 ~ 24 min (default: 24 min), Pre-record: 5 MB, 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	8ch 720P/4ch 1080P /1ch 8MP	
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, TCP/IP, RTSP, UDP, NTP, DHCP, DNS, IP Filter, DDNS,
Optical Fiber Interface	N/A
Max. User	Access 5 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, SDK, CGI
Storage	
Internal HDD	1 SATA Ports, up to 8TB for each HDD
Mounting Mode	Embedded
eSATA	N/A
Interface	
USB	2 ports (USB 2.0 x2)
RS232	N/A
RS485	N/A
Audio I/O	1ch MIC in, 1ch Audio line out
Reset Button	N/A
General	
Power Supply	DC48V/1.25A
Power Consumption	< 5W (without HDD)
Operating Conditions	-10 °C ~ 45 °C (14 °F ~ 113 °F)
Storage Conditions	Less than 90% RH
Certifications	CE/FCC
Dimensions	255×235×47.5mm
Net Weight	1kg

### Dimensions(mm)



## **Rear Panel**



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