

SN-NVR2504E1

4CH 1HDD NVR



- Up to 4ch IP cameras access
- Easy to use Same Interface of GUI/WEB/Client
- 1 SATA hard disk up to 8TB
- 2 RJ45 10M/100M network interface
- Simultaneous H-OUT1&VGA up to 4K output
- 2 x 2.0 USB Host
- 4ch Alarm In/1ch Alarm Out
- 1ch Audio I/O

System Overview

Sunell NVR2504E1 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

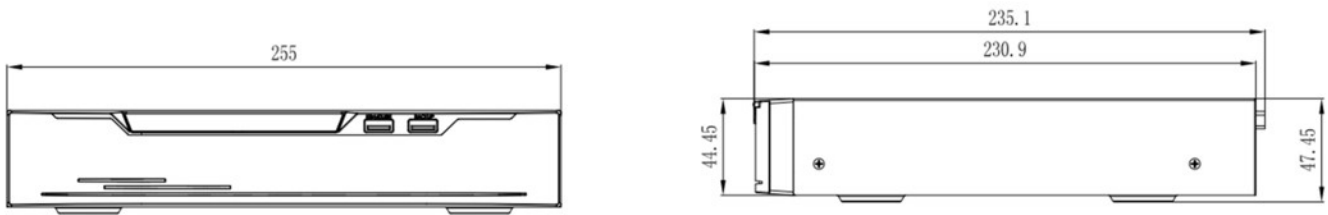
The Inview Pro 3 app is available on the iOS App Store and Google Play. It makes surveillance easy and simple, allowing you to remotely access IPC/NVR/DVR devices, view live video, receive event push notifications, and search for recorded videos from an iPhone, iPad, or Android phone at anytime from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

Technical Specification

System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Audio and Video	
IP Camera Input	4 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	4ch 1080P/1ch 8MP@30fps
Multi-screen Display	1/4
Recording	
Compression	H.265/H.264
Resolution	8MP/6MP/5MP/4MP/3MP/1080P/720P/D1&etc
Record Rate	40Mbps
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	4/1
Playback and Backup	
Sync Playback	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	2 RJ-45 port (10M/100Mbps)
PoE Interface	N/A
PoE Max Power	N/A
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	DC12V/3A
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	0.8kg

Dimensions(mm)



Rear Panel

