SN-NVR10/04E3/032NSH

32CH 4HDD NVR

- Up to 32ch IP cameras access
- Easy to use Same Interface of GUI/WEB/Client
- 4 SATA hard disk each up to 8TB
- 2RJ45 10M/100M/1000M network interface
- Simultaneous HDMI&VGA ,up to 4Koutput 2 x
- 2.0&1x3.0 USB Host, 1ch Audio I/O
- 16ch Alarm input, 4ch Alarm output
- Remote Live-view&playback via network

System Overview

Sunell NVR10/04E3/032NSH 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.
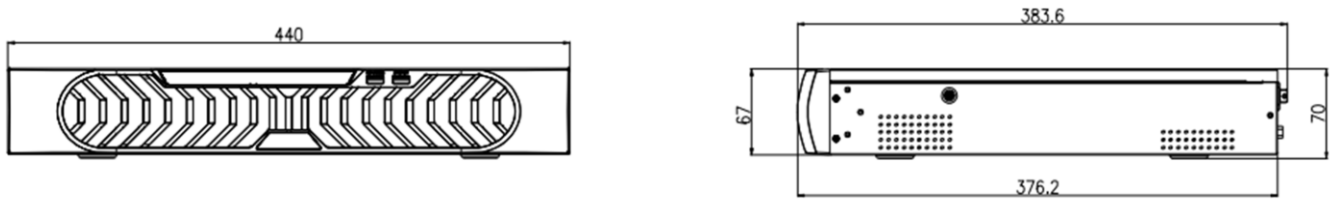
Inview Pro 3

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	32 Channel
Two-way Talk	1ch input, 1ch output

Display	
Interface	2 HDMI, 1 VGA
Resolution	HDMI 1: 1920×1080,1280×720, 1024×768 HDMI 2: 3840×2160,1920×1080,1280×720, 1024×768 VGA: 1920×1080, 1280×1024, 1280×720
Decoding Capacity	32ch 720P/16ch 1080P/8ch 4MP/4ch 8MP@30fps, 1ch 12MP @20fps
Multi-screen Display	1/4/8/9/16/32

Recording	
Compression	H.265/H.264
Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/720P/ D1&etc.
Record Rate	256Mbps
Bit Rate	100Kbps ~ 8Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), Motion Detection, Video Loss, Alarm in
Record Interval	Post-record: 0 ~ 86400 sec

Video Detection and Alarm	
Trigger Events	Recording, Push message, Pop up message
Video Detection	Motion Detection, Video Loss
Alarm In/Out	16/4

Playback and Backup	
Sync Playback	1/4/9/16
Search Mode	Time /Date, Alarm
Playback Function	Play, Pause, Back 10s, Single Frame Forward, Slow Play /Fast play, Full Screen, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device

Network	
Interface	2 RJ-45 port (10/100/1000Mbps)
PoE Interface	N/A
PoE Max Power	N/A
Network Function	HTTP, HTTPS, IPv4, IPv6, TCP/IP, RTSP, SMTP, UDP, NTP, DHCP, DNS, DDNS, PPPoE, SNMP
Optical Fiber Interface	N/A
Max. User	Access 8 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, SDK, CGI

Storage	
Internal HDD	4 SATA Ports, up to 8TB for each HDD
Mounting Mode	Embedded
eSATA	Support

Interface	
USB	3 ports (USB 2.0 x2, USB3.0 x1)
RS232	Support
RS485	Support
Audio I/O	1ch MIC in, 1ch Audio line out
Reset Button	Support

General	
Power Supply	AC100-240V
Power Consumption	< 15W (without HDD)
Operating Conditions	-10 °C ~ 45 °C (14 °F ~ 113 °F)
Storage Conditions	Less than 90% RH
Certifications	CE/FCC/ISO9001/ISO14001
Dimensions	440×383.6×70mm
Net Weight	4.2kg (No disk)

Dimensions(mm)

440

383.6

67

376.2

70

Rear Panel