SNAPPY

NVR8324K-16P-SS

Features

- H.265/H.264 codec decoding
- Max 200Mbps Incoming Bandwidth
- Up to 8MP Resolution or Preview and Playback
- HDMI/VGA simultaneous video output
- Support IPC UPnP, 16PoE ports
- Support ANR technology to enhance the storage reliability when the network break down

8Mp

H.265

Heat Map

Tripwire

Intrusion

Counting
People Counting

System Overview

Snappy's **NVR8324K-16P-SS** is the fist Lite series NVRs which can support 4K and H.265. And, it has the most reasonable price and best quality. This Lite NVR provides up to 8MP resoluton. For applicatons where details are critial for identfiaton, it provides a powerful image performace with up to 4K resoluton. Additonally, the NVR features a mouse shortcut operaton menu, remote management and control, centre storage, edge storage, and back up storage.

Designed as a cost-efectve, easy installaton, this NVR is ideal for a wide range of applicatons such as public safety, water conservancy, transportaton, city centers, educaton, and fiancial insttutons.

The NVR is compatble with numerous third-party devices making it the perfect soluton for surveillance systems with or without a video management system (VMS). Its open architecture supports mult-user access and is compatble with ONVIF 2.4, enabling interoperability when combined with IP cameras.

Functions

4K Resoluton

The NVR supports 4K ultra HD resoluton (3840 x 2160) for recording, liveviewing and playback.

Intelligent Video System (Optonal)

Working with built-in intelligent video analytcs IP cameras, the NVR hasthe ability to detect and analyze moving objects for improved videosurveillance. The NVR provides optonal standard intelligence at theedge allowing detecton of multple object behaviors such as abandonedor missing objects. IVS also supports Tripwire analytcs, allowing thecamera to detect when a pre-determined line has been crossed, PeopleCountng, ideal for business intelligence, and Face Detecton, forsearching or identfiation of idividuals.

Smart Add With the Smart Add functon, the installaton of IP system is as easy as ananalog system, no mater the NVR with or withou a PoE switch embeded.It should be noted that the NVR has to be in the same router as cameras.

ANR (Automatc Network Replenishment Technology)

Video record in SD card in IP cameras when the network breaks down, and afer the network recovered, the video will be transferred to NVR and then recorded in it.

Easy4ip

You can monitor at anytme and anywhere with Easy4ip. With this functon, you can manage your devices more convenient.

Technical Specification

System

Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX

Display

Interface	1 HDMI, 1 VGA
Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768
Multi-sceen Display	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Video Detection and Alarm

Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Tampering
Alarm input	16 Channel, Low Level Effective, Green Terminal Interface
Relay Output	4 Channel, NO/NC Programmable, Green Terminal Interface

Playback and Backup

Playback	1/4/8/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network

Storage

Internal HDD	8 SATA III Port, Up to 6 TB capacity for each HDD
HDD Mode	Single
eSATA	N/A

Auxiliary Interface

USB	3 USB Ports (2 USB2.0, 1 USB3.0)
RS232	1 Port, for PC Communication and Keyboard
RS485	1 Port, for PTZ Control

Third-party Support

Third-party Support	Snappy, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, and more

Audio and Video

IP Camera Input	16 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA

Recording

Compression	H.265/H.264
Resolution	8Mp/ 6Mp/ 5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P etc.
Record Rate	200Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Tampering, Video Loss), Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec

Network

Interface	1 RJ-45 Port(10/100/1000Mbps)
Ethernet Port	1 Independent 1000Mbps Ethernet Port
PoE	16 ports (IEEE802.3af/at)
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, IP Search (Support Snappy IP camera, DVR, NVS, etc.), Easy4ip
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, CGI Conformant

Electrical

Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	NVR: <14.1W (Without HDD)
	PoE: Max 25.5w for single port, 150w in total

Environmental

Operating Conditions	-10℃ ~ +55℃ (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	-20℃ ~ +70℃ (-4°F ~ +158°F), 0 ~ 90% RH

Construction

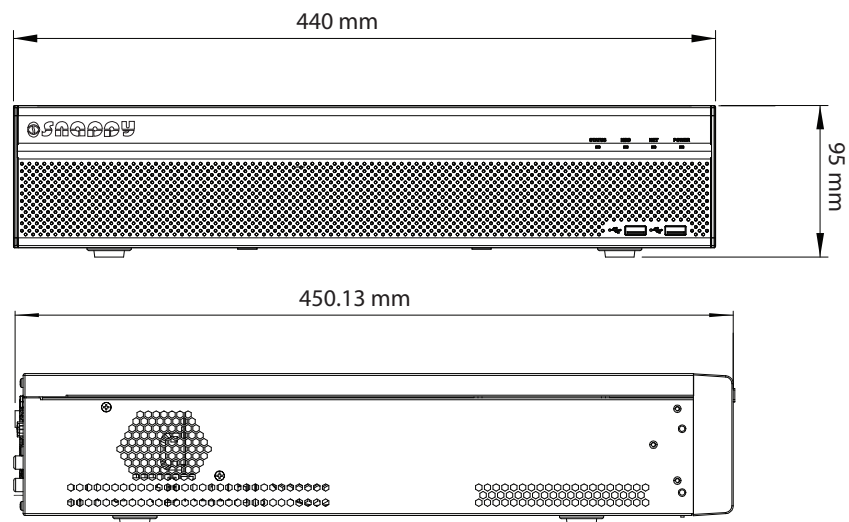|	
Dimensions	2U, 440mm×450.1mm×95mm (17.3" x 17.7" x3.7")
Net Weight	5.4kg (11.9 lb) (without HDD)
Gross Weight	9.5kg(20.9 lb)(without HDD)

Certification

CE	EN55032, EN55024, EN50130-4, EN60950-1
FCC	Part 15 Subpart B, ANSI C63.4-2014
UL	UL60950-1+CAN/CSA C22.2 No.60950-1

Ordering Information

Type	Part Number	Description
16 Channel NVR	NVR8324K-16P-SS	16 Channel 2U 16PoE 4K&H. 265 Lite Network Video Recorder
Accessories	N/A	N/A

Dimensions

Mailing Address

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