infinique™

INR64-96H8I-SE1

64 Channel Standalone NVR with 8x HDD and H.265 Support

Infinique offers a wide range of video management solutions for IP based video surveillance that are extremely easy to install, use and maintain. The hardware is optimized for video surveillance by consolidating disparate components into a single chassis greatly reducing the total cost of ownership. The application software has an open architecture that comply to Onvif and industry standard protocols, making it future proof and providing peace of mind for your investment. From small to very large installations, Infinique's IP based video recorders are an ideal solution for today's high demanding video surveillance needs.

Infinique's INR64-96H8I-SE1 is a 64 Channel easy to use network video recorder designed for small and medium sized video surveillance installations. This standalone NVR comes with embedded Linux OS and VMS and provides simultaneous real time live viewing, recording and playback of Channels.
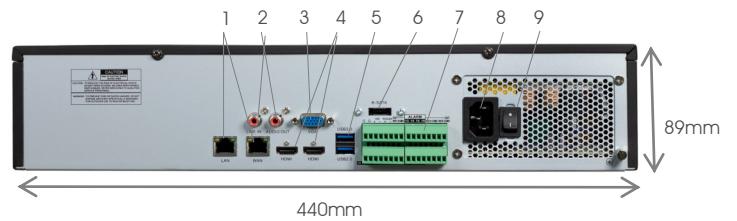
Designed as a plug-and-play NVR, installation and commissioning is effortless. The NVR is ONVIF compliant and supports IP cameras with resolution ranging from 1 to 8 Megapixels. It has support for installing up to 8 SATA HDDs internally and can provide a maximum storage capacity of 128TB when using a 16TB hard drive.

Surveillance Client, is a powerful and user friendly Central Management Software that comes free with the NVR. It allows users to connect to multiple NVRs and cameras at geographically dispersed locations. Users can create groups and assign cameras from different NVRs. They can also create user accounts to cater to different user privileges. The interactive map monitor allows users to have a complete visual overview of installation from a single client using imported maps for easy identification and navigation.

PRODUCT FEATURES

- Supports simultaneous recording, live view and playback
- Embedded Linux OS and VMS with no moving parts for increased system response time and reliability
- Plug-and-play device designed for easy and faster commissioning
- Install up to 8 SATA HDDs, provides a maximum storage capacity of 128TB
- 1x ESATA Port, 2x LAN Ports
- Supports H.265, H.264 and MJPEG Compression
- Record Bandwidth of maximum 640Mbps
- ONVIF Compliant and supports IP cameras with resolution ranging from 1 to 8 Megapixels
- Continuous, Motion Detection, and Alarm recording supported
- Backup using USB Storage Device, HDD or over a Network
- View live video remotely using Central Monitoring Software on a PC or via an app on iPhone and Android devices.

Dimensions

No	Physical Interface	Function
1	LAN Ports	Ports to connect NVR to LAN
2	Audio Ports	Audio In and Audio out
3	VGA Port	Port to connect to VGA displays
4	HDMI Ports	High Definition port to connect to displays
5	USB Port	To connect USB Mouse and USB drive
6	E-SATA Port	To connect Additional Storage
7	Sensor/Alarm	To connect to Sensor or Alarm
8	Power Port	Port to connect the power supply
9	Power Switch	Switch to turn ON/OFF Power

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SYSTEM

Operating System	Linux and X-Windows with OpenGL
User Interface	User Friendly Graphical User Interface
Camera Channels	64 Channels
Internal Storage	8x SATA HDD Slot
RAID	0/1/4/5/6/10
USB Interface	1x 2.0 USB, 2x 3.0 USB
Alarm Ports	16x Digital Inputs, 4x Digital Outputs
Ethernet Interface	2x GbE Port
PoE Ports	No Built in PoE
RS485	Yes
Cameras Supported	Infinique, ONVIF Compliant Cameras

CLIENT MODULES

CMS	Windows / MAC
Mobile App	Android / iOS
Web Browser	IE v9 and above

VIDEO AND AUDIO

Maximum Resolution	Up to 4K (8MP)
Video Outputs	1x VGA, 2x HDMI Ports
Video Standards	NTSC 60 Hz, PAL 50 Hz
Video Decoding	H.265, H2.64 and MJPEG
Audio Ports	1 x Audio In, 1 x Audio Out

DISPLAY AND RECORDING

Resolution Supported	8MP(4K), 5MP, 4MP, 3MP, 2MP(1080P), 1.3MP (960P), 1MP(720P)
Live / Playback	8MP @240fps, 4MP @480fps, 2MP @960fps
Display Split	1/4/6/8/9/10/13/14/16/17/19/22/25/32/36
Bit Rate	64Kbps ~ 16Mbps
Record Mode	Continuous, Motion Detection, and Alarm Trigger Recording
Record Bandwidth	Max 640Mbps

MECHANICAL

Form Factor	Standalone Chassis
Dimensions (mm)	440(L) x 460(W) x 89(H)
Weight (kg)	5

ELECTRICAL

Power Consumption (Excluding HDD)	8W
Power Supply	AC 110~240V

ENVIRONMENTAL

Operating Temperature (C)	10° to 35 (50° to 95°F)
Storage Temperature (C)	-40 to 70 (-40° to 158°F)
Operating Humidity	8% to 90%, non-condensing
Non-Operating Humidity	5% to 95%, non-condensing
Operating Altitude (m)	-16m to 3048m (-50ft to 10,000ft)

Note: The server room temperature can be affected by air conditioning system, floor layout, rack configuration, etc. The NVR air intake temperature, can be significantly higher than the room temperature. To prevent system and hard drive failure, make sure the air intake temperature of the NVR is always within the operating temperature range.

ACCESSORIES SUPPLIED

Power Cord	Based on country; 3 prong molded connector, 1.8 m (6 ft) Cord Length
USB Mouse	1 nos
Documentation	Manual on CD

STANDARDS COMPLIANCE

Emissions	FCC Part 15 Subpart B Class A EN55032:2015+A11:2020+A1:2020 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A1:2019+A2:2021 IC ICES-003 Class B
Immunity	EN55035:2017+A11:2020 EN50130-4
Safety	UL 609501, EU: 2001/95/EC GPSD EN IEC 62368-1:2020+A11:2020

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
INR64-96H8I-SE1	Infinique Premium Series 64Ch NVR, 640Mbps Record Bandwidth, Record up to 8MP resolution, Supports H.265, H.264 and MJPEG, 8 x Internal SATA HDD Slots, Max 128TB, 2x LAN Ports, 1x ESATA, RAID Support, Standalone Chassis, Hard Drives not included

Infinique™

Infinique, a Canadian company is a manufacturer of high performing end-to-end solutions in copper, fiber and video surveillance systems. For more information visit our website at www.infinique.com or email us at sales@infinique.com.

DS-VS-NVS-201601V02