

# INR4-12F2I-S4P

Premium Series NVR, 4 Channels with built-in 4 PoE Ports



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 which is energy efficient and greatly improves the total cost of ownership. The application software has an open architecture that complies with 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 INR4-12F2I-S4P is a 4 Channel easy to use network video recorder designed for small project surveillance installations. This standalone NVR comes with embedded Linux OS and VMS and has a recording bandwidth of 50 Mbps and offers simultaneous real time live view, recording and playback of 4 Channels in Full HD. Users can view, record, playback, back up and remotely control the system simultaneously using its user friendly GUI interface. Recording formats supported by the NVR are Continuous, Manual, Motion Detection, Sensor and Alarm.

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 2 SATA HDDs internally and can provide a maximum storage capacity of 32TB 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 NVR and cameras at geographically dispersed locations. Users can create groups and assign cameras from different NVRs. Users can 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

- Simultaneous real time live view, recording and playback of 4 Channels in Full HD is supported
- Embedded Linux OS and VMS with no moving parts for increased system response time and reliability
- Plug-and-play device designed with built-in 4 port PoE switch for easy and faster commissioning
- Install up to 2 SATA HDDs, provides a maximum storage capacity of 32TB
- Supports H.264 and H.265 Compression
- Record Bandwidth of 50Mbps
- ONVIF Compliant and support supports IP cameras with resolution ranging from 1 to 4 Megapixels
- Continuous, Manual, Motion Detection, Sensor and Alarm recording supported
- Backup via USB Memory, HDD or Network
- Remote Viewing in iPhone, iPad, Android and Tablet

**Dimensions**

The diagram shows a top-down view of the NVR chassis with a length of 380mm and a height of 50mm. Numbered callouts 1 through 9 identify the following components from left to right: LAN Port, WAN Port, Audio Output, VGA Port, HDMI Port, Sensor/Alarm, USB Port, Power Switch, and Power Port.

No	Physical Interface	Function
1	LAN Port	Ports to connect Cameras to NVR
2	WAN Port	Port to connect NVR to router
3	Audio Output	Audio out to connect to a speaker
4	VGA Port	Port to connect to VGA displays
5	HDMI Port	High Definition port to connect to displays
6	Sensor/Alarm	To connect to Sensor or Alarm
7	USB Port	To connect USB Mouse and USB drive
8	Power Switch	Switch to turn ON/OFF Power
9	Power Port	Port to connect the power supply

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SYSTEM		MECHANICAL	
Operating System	Linux and X-Windows with OpenGL	Form Factor	Standalone 1U Chassis
User Interface	User Friendly Graphical User Interface	Dimensions	380(L) x 340(W) x 50(H) mm
Camera Channels	4 Channels	Weight	3.5 Kg
Internal Storage	2x SATA HDDs	<b>ELECTRICAL</b>	
USB Interface	1x 3.0 USB, 2x 2.0 USB	Power Input	DC 48V 1.2A
Alarm Ports	4x Digital Inputs, 1x Digital Outputs	PoE Switch	DC48V
Ethernet Interface	Gigabit Ethernet Ports 1000Base-T	Power Supply	External
PoE Ports	4 x 10 /100 Mbps PoE Ethernet Interface	<b>ENVIRONMENTAL</b>	
Cameras Supported	Infinique, ONVIF Compliant Cameras and Native Integration for major camera brands	Operating Temperature	10° to 35°C (50° to 95°F)
<b>CLIENT MODULES</b>		Storage Temperature	-40°to 70°C (-40° to 158°F)
Surveillance Client	Centralized Management and Monitoring	Operating Humidity	8% to 90%, non-condensing
RXCamLink	Smart Phone App to watch live video	Non-Operating Humidity	5% to 95%, non-condensing
Web Client	Control and Watch Live from remote PC	Operating Altitude	-16m to 3048m (-50ft to 10,000ft)
<b>VIDEO AND AUDIO</b>		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.	
Maximum Resolution	1920 x 1200, HDMI, VGA	<b>ACCESSORIES SUPPLIED</b>	
Video Outputs	1x VGA, 1x HDMI Ports	Power Cord	Based on country; 3 prong molded connector, 1.8 m (6 ft) Cord Length
Video Standards	NTSC 60 Hz, PAL 75 Hz	USB Mouse	1 no's
Video Decoding	H.264	Documentation	Manual on CD
<b>DISPLAY AND RECORDING</b>		<b>STANDARDS COMPLIANCE</b>	
Recording Resolution	Full HD 1080p: 4CH Real time HD720p: 4CH Real time D1: 4CH Real time	Emissions	FCC Part 15 Subpart B Class B EN 55022:2010 IC ICES-003 Class B
Live / Playback Display	Full HD 1080p: 4CH Real time HD720p: 4CH Real time D1: 4CH Real time	Immunity	EN 55024:2010
Display Split	1/4	Safety	UL 609501, EU: 2001/95/EC GPSP
Bit Rate	32 ~ 8192kbps		
Record Mode	Continuous, Manual, Motion Detection, Sensor and Alarm		
Record Bandwidth	Max 50Mbps		

ORDERING INFORMATION	
PART NUMBER	DESCRIPTION
INR4-12F2I-S4P	Infinique Premium Series 4Ch NVR, 50Mbps Record Bandwidth, Recording and Liveview @120fps in Full HD, HD, D1, H.264, 2 x Internal SATA HDD Slots, Max 32TB, 4 PoE Ports, Hard Drive not included

 Infinique, a Canadian company is a manufacturer of high performance end-to-end solutions in copper, fiber and video surveillance systems. For more information visit our website at [www.infinique.com](http://www.infinique.com) or email us at [sales@infinique.com](mailto:sales@infinique.com).  
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Product specification, design and availability subject to change without prior notice.

Infinique Video Surveillance Solution

Page 2 of 2

TEC-VS-208-1601-V01