infinique™

INR16-48F2I-SE116P

Premium Series NVR, 16 Channels with built-in 16 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 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 INR16-48F2I-SE116P is a 16 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 320 Mbps and offer simultaneous real time live view, recording and playback of 16 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.
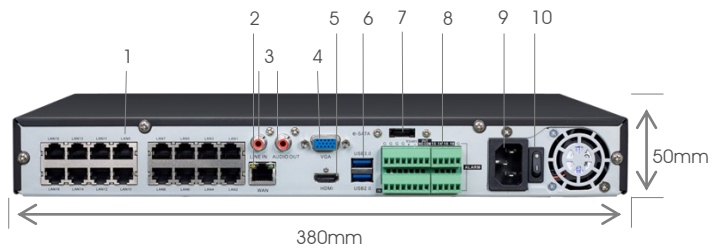
Designed as a plug-and-play NVR, with built-in 16 port PoE switch, installation and commissioning is effortless. The NVR is ONVIF compliant and supports IP cameras with resolution ranging from 1 to 8 Megapixels. It has support for installing up to 2 SATA HDDs internally and can provide a maximum storage 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 16 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 16 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 320Mbps
- ONVIF Compliant and supports IP cameras with resolution ranging from 1 to 8 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

No	Physical Interface	Function
1	PoE Port	Ports to connect Cameras to NVR
2	WAN Port	Port to connect NVR to router
3	Audio Ports	Audio IN and Audio OUT Ports
4	VGA Port	Port to connect to VGA displays
5	HDMI Port	High Definition port to connect to displays
6	USB Port	To connect USB Mouse and USB drive
7	E-SATA Port	To connect to external hard drives
8	Sensor/Alarm	To connect to Sensor or Alarm
9	Power Port	Port to connect the power supply
10	Power Switch	Switch to turn ON/OFF Power

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ONVIF

SYSTEM

Operating System	Embedded Linux
User Interface	User Friendly Graphical User Interface
Camera Channels	16 Channels
Internal Storage	2x SATA HDDs
USB Interface	1x 3.0 USB, 2x 2.0 USB
E-SATA Interface	1 x E-SATA Port
Alarm Ports	16 x Digital Inputs, 1 x Digital Outputs
Ethernet Interface	Gigabit Ethernet Ports 1000Base-T
PoE Ports	Max 16 x IEEE 802.3at PoE Ports
Cameras Supported	Infinique, ONVIF Compliant Cameras

CLIENT MODULES

Surveillance Client	Centralized Management and Monitoring
Phone Apps	Apple, Android for remote live view and playback
Web Client	Control and Watch Live from remote PC using browser

VIDEO AND AUDIO

Video Outputs	1x VGA, 1x HDMI Ports (up to 4K)
Video Standards	NTSC 60 Hz, PAL 75 Hz
Video Decoding	H.265, H.264
Audio	RCA Line-In, RCA Audio-Out

DISPLAY AND RECORDING

Recording Resolution	8MP (4K), 5MP, 3MP ,2MP (1080P),1.3MP (960P),1.0MP (720P)
Live / Playback Display	4K resolution: 4Ch Real time (30 fps) 4MP resolution: 8Ch Real time (30 fps) 3MP resolution: 10Ch Real time (30 fps) 2MP resolution: 16Ch Real time (30 fps)
Display Split	1/4/6/8/9/10/13/14/16
Bit Rate	32 ~ 8192kbps
Record Mode	Continuous, Manual, Motion Detection, Sensor and Alarm
Record Bandwidth	Max 320Mbps

MECHANICAL

Form Factor	Standalone 1U Chassis
Dimensions (mm)	380 (L) x 340 (W) x 50 (H)
Weight (Kg)	3.5

ELECTRICAL

Power Consumption (Excluding HDD)	12W
Power Supply	AC 100~240V, PoE Switch: 53V

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	-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 no's
Documentation	Manual on CD

STANDARDS COMPLIANCE

Emissions	FCC Part 15 Subpart B Class B EN 55022:2010 IC ICES-003 Class B
Immunity	EN 55024:2010
Safety	UL 609501, EU: 2001/95/EC GPSD

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
INR16-48F2I-SE116P	Infinique Premium Series 16Ch NVR, 320Mbps Record Bandwidth, Recording @480fps in Full HD, Display @480fps in Full HD, H.265, H.264, 2 x Internal SATA HDD Slots, Max 32TB, E-SATA, 16 PoE Ports, Hard Drive not included

I 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.

Product specification, design and availability subject to change without prior notice.

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