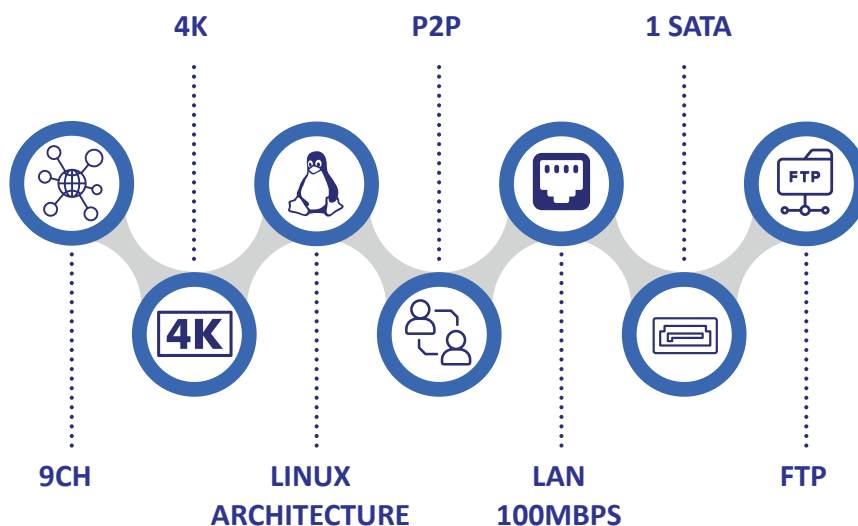# AVAIVI
SEE THE UNSEEN

MAKE IN INDIA

9Ch Network Video Recorder

Model
ASNG-P109D1

FEATURES

- 9 CHANNEL IP CAMERA INPUT WITH 1 SATA HDD SUPPORT.

- MULTPLE VIDEO COMPRESSION FORMAT SUPPORT H.265+, H.265 AND H.264 .

- MAXIMUM 72MBPS INCOMING BANDWIDTH AND 48MBPS OUTGOING BANDWIDTH.

- SUPPORT LIVE, STORAGE, AND PLAYBACK OF THE CONNECTED CAMERA UP TO 8MP RESOLUTION

- SUPPORT CLOUD P2P FEATURE TO GET CAMERA LIVE-STREAMING ON MOBILE/PC ANYTIME ANYWHERE.

- REMOTE CONTROL VIA WEB/CMS/MOBILE APPLICATION: PREVIEW, PLAYBACK, BACKUP, PTZ AND CONFIGURATION.

- SUPPORT MULTI-BRAND NETWORK CAMERAS VIA ONVIF PROTOCOL (PROFILE S, PROFILE G, PROFILE T)

- DUAL STREAM RECORDING ENABLED FOR LOCAL STORAGE WITH HIGH DEFINITION IMAGE & LOWER FOR REMOTE VIEWING

- MOBILE APPLICATION FOR REMOTE VIEWING: V720 FOR ANDROID AND IOS PLATFORM & CMS SOFTWARE: ACMS

4K	P2P	1 SATA

9CH	LINUX ARCHITECTURE	LAN 100MBPS	FTP

9CH NETWORK VIDEO RECORDER

AVAIVI's Network Video Recorders (NVRs) offer a versatile and scalable solution to meet your surveillance needs. Choose from a range of channels, including 4channel to 128 Channel, ensuring there's a perfect fit for every environment. Experience crystal-clear video quality with support for 4K resolution and impressive 12MP clarity. Our NVRs leverage advanced H.265+ compression technology, maximising storage efficiency without compromising image quality. With a Linux architecture at its core, our NVRs provide robust and stable performance. The LAN options include both 100Mbps and 1000Mbps, ensuring seamless connectivity and data transfer. AVAVI's NVRs come equipped with versatile storage options, from 1 SATA to a massive 16 SATA, providing flexibility to meet the demands of your surveillance infrastructure. The RAID functionality ensures data redundancy and reliability, while eSATA and FTP support enhance data management capabilities. Additionally, the P2P feature simplifies remote access, making it easy to monitor your surveillance system from anywhere. Incorporating Alarm I/O and a range of channel options, AVAIVI's NVRs deliver a comprehensive and scalable solution for your security needs

9 CH

AVAIVI's 9-Channel Network Video Recorder (NVR) is a powerhouse for comprehensive surveillance solutions. Supporting up to 9 channels, it accommodates larger security setups with ease. The NVR features advanced capabilities, including 4K resolution, H.265+ compression for efficient storage, and a Linux architecture for robust performance. With LAN options ranging from 100Mbps to 1000Mbps, it ensures a seamless and high-speed connection for data management. Trust AVAIVI's 9-Channel NVR for a scalable and advanced surveillance infrastructure.

4K

4K

AVAIVI's 4K Network Video Recorders (NVRs) redefine surveillance with unparalleled clarity and detail. Supporting a resolution four times higher than standard HD, these NVRs capture every nuance, ensuring that no detail goes unnoticed. Whether monitoring a large area or zooming in for a closer look, the 4K resolution provides superior image quality for critical applications. With AVAIVI's commitment to cutting-edge technology, the 4K NVRs offer a future-ready solution for users who demand the highest standards in video surveillance. Elevate your security infrastructure with AVAIVI's 4K NVRs, where precision meets performance.

LINUX ARCHITECTURE

AVAIVI's Network Video Recorders (NVRs) are built on a robust Linux architecture, providing a stable and secure foundation for your surveillance infrastructure. The Linux operating system ensures efficient performance, reliability, and resistance to common vulnerabilities. With Linux at its core, AVAIVI NVRs deliver a powerful and customisable platform, allowing for seamless integration with other Linux-based systems and applications. This architecture contributes to the overall resilience and flexibility of your surveillance network, ensuring that it operates smoothly and securely. Trust AVAIVI for cutting-edge technology and a solid foundation for your video recording needs.

P2P

AVAIVI's Network Video Recorders (NVRs) feature P2P (Peer-to-Peer) technology, offering a seamless and hassle-free way to connect and access your surveillance system remotely. With P2P functionality, users can easily set up and view their IP cameras on smartphones, tablets, or computers without the need for complex network configurations. This user-friendly approach simplifies the remote viewing process, allowing you to monitor your premises from anywhere with an internet connection. AVAIVI's commitment to convenience and accessibility is reflected in the P2P feature, ensuring that your surveillance experience is not only powerful but also effortlessly accessible. Trust AVAIVI for innovative solutions that prioritise user-friendly experiences in security.

LAN 100MBPS

AVAIVI's Network Video Recorders (NVRs) are equipped with LAN ports supporting 100Mbps connectivity. The high-speed LAN interface ensures efficient data transfer and communication between the NVR and connected surveillance cameras. With a dedicated 100Mbps LAN connection, you can expect reliable and fast data transmission, facilitating seamless video streaming and recording across your surveillance network. AVAIVI prioritises robust network performance to enhance the overall efficiency of your security infrastructure, providing a stable and responsive platform for your surveillance needs. Trust AVAIVI for NVR solutions that deliver optimal network connectivity and data handling capabilities.

1 SATA

AVAIVI's Network Video Recorders (NVRs) with 1 SATA interface provide a streamlined and efficient storage solution for your surveillance needs. The single SATA port allows you to connect and manage one hard drive, offering a balance between storage capacity and system simplicity. This configuration is suitable for installations with moderate recording requirements. Ideal for small to medium-sized surveillance setups, the 1 SATA NVRs from AVAIVI ensure straightforward installation and maintenance. The single SATA connection provides reliable storage for your video footage, and with AVAIVI's commitment to performance and durability, you can trust these NVRs to support your security infrastructure effectively. Upgrade your surveillance system with AVAIVI's 1 SATA NVRs for dependable and efficient video storage.
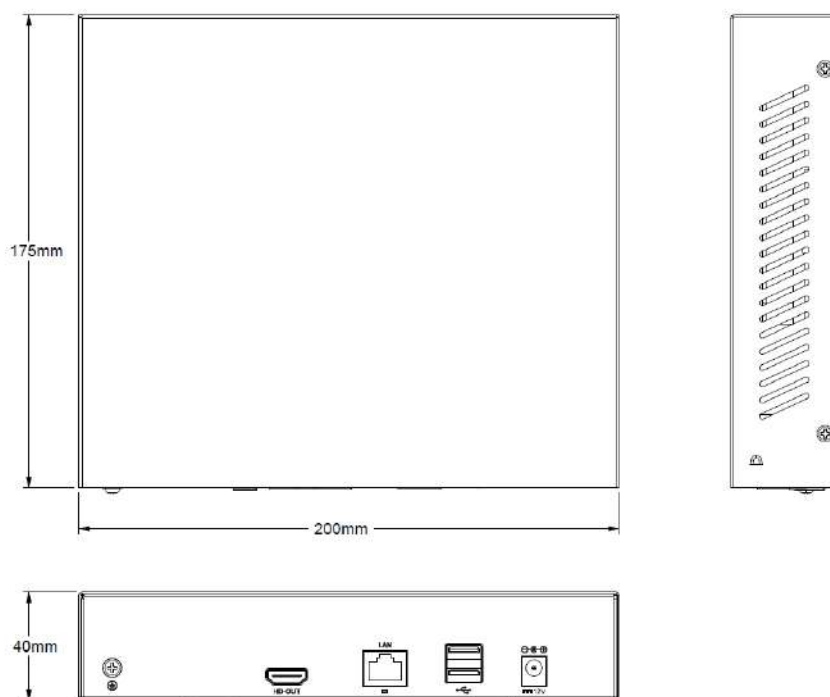
FTP

AVAIVI's Network Video Recorders (NVRs) support FTP (File Transfer Protocol), enabling seamless and efficient file sharing and data transfer within the surveillance network. This feature allows users to securely transmit video footage and other data to remote servers or storage locations. By leveraging FTP, AVAIVI NVRs facilitate the convenient and reliable exchange of surveillance data, ensuring that critical footage is accessible when and where it's needed. Whether for backup purposes or collaboration between multiple locations, the FTP functionality enhances the accessibility and reliability of your surveillance infrastructure. Rely on AVAIVI for advanced features that streamline your security operations.

9CH NETWORK VIDEO RECORDER

System	
Operating System	Embedded LINUX
IP Video Input	9 Channel
Network	
Incoming Bandwidth	72Mbps
Outgoing Bandwidth	48Mbps
Total Throughput	120Mbps
Network Interface	1 x Interface RJ-45 10/100Mbps
IP Support	Static, Dynamic
Protocols	TCP/IP, HTTP, HTTPs, SMTP, DHCP, FTP, DDNS, RTSP, NTP, UPnP, Email, P2P Cloud
Onvif	Supported (S,G,T)
Video/Audio Output	
Live View Split	1/4/6/8/9
HDMI Output	HDMI: 1920x1080, 1280x1024, 1280x720, 1024x768
VGA Output	N/A
Recording Resolution	8MP/5MP/4MP/3MP/1080p/1280x1024/960p/720p/D1/CIF
Audio Input	N/A
Audio Output	N/A
Audio Compression	G.711A, G.711U
Video Compression	H.265+/H.265/H.264+/H.264
Decoding	
Live view/Playback	8MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Local Sync Playback	1x8MP, 1x5MP, 2x4MP, 2x3MP, 4x2MP, 8x1MP, 9xD1
Search Mode	Time /Date, Motion, Event, Alarm, Normal.
Playback Function	General Playback- Play, Pause, Stop, Rewind, Fast play, Slow Play, Event Playback, Playback Zoom
Hard Disk	
SATA	1 SATA
Capacity	Up to 8TB capacity for each HDD
eSATA	N/A
Alarm Event	
Normal Event	Motion, Video Tampering, Video Loss, Exception
Smart Event	Line Detection, Intrusion Detection, Loitering Detection, People Gathering Detection by Camera
Interface	
USB Interface	2 x Interface USB2.0 (Rear panel)
Alarm In	N/A
Alarm Out	N/A
Serial Interface	N/A
Environmental	
Power Supply	DC-12V/1.5A
Power Consumption	≤10W
Operating Temperature	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions	200 x 175 x 40mm
Weight	0.75Kg (without HDD)

EXPLODED VIEW

175mm

200mm

40mm

LAN

HD-OUT

ABOUT AVAIVI

AVAIVI is a dynamic and innovative DPIIT recognised Startup Company for its commitment to driving excellence, fostering innovation, and contributing to Bharat's burgeoning entrepreneurial landscape. AVAIVI specialises in providing cutting-edge Audio-Visual Solutions, AI-based Software and Security & Surveillance Technology.

AV Technology: AVAIVI's state-of-the-art audio-visual solutions redefine how information is presented and shared. Our innovative AV solutions include interactive displays, digital signage, audio systems, and immersive multimedia experiences.

AI Software Suite: From predictive analytics to process optimization, our AI-based software applications empower organizations to make informed decisions, streamline operations, and stay ahead in a rapidly evolving digital landscape.

Video Surveillance: AVAIVI's expertise in CCTV security surveillance technology goes beyond traditional monitoring. Our comprehensive solutions encompass advanced camera systems, intelligent video analytics, and remote monitoring capabilities.

Disclaimer: The information provided in this product datasheet is intended for general informational purposes only. While we strive to ensure the accuracy and reliability of the information presented. It is important to note that product specifications and features may change without prior notice.