

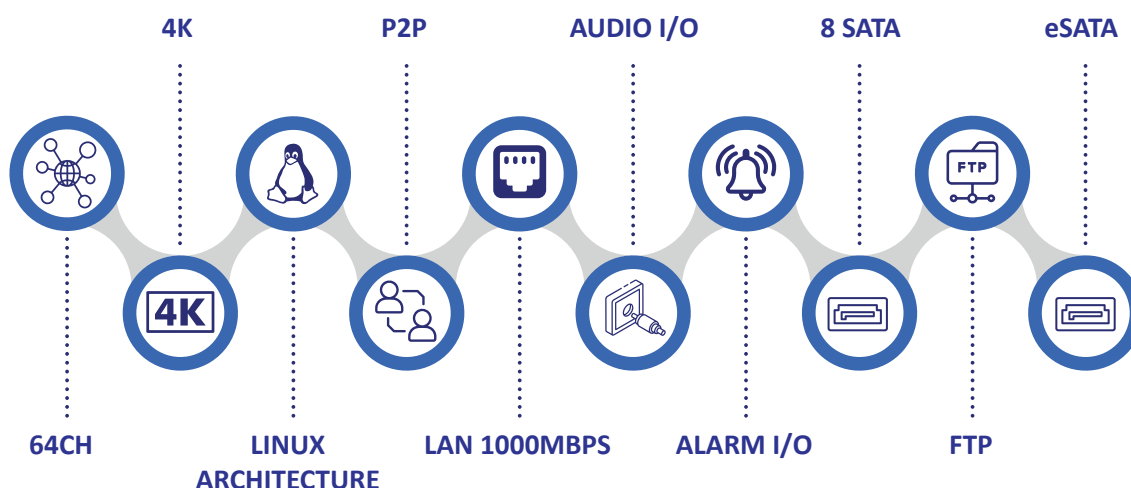


64Ch Network Video Recorder

**Model
ASNG-P364D8**

FEATURES

- 64 CHANNEL IP CAMERA INPUT WITH 8 SATA HDD SUPPORT.
- MULTIPLE VIDEO COMPRESSION FORMAT SUPPORT H.265+, H.265 AND H.264.
- MAXIMUM 640MBPS INCOMING BANDWIDTH AND 512MBPS 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 AND CMS SOFTWARE: ACMS



64 CH 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. AVAIVI'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



64 CH

AVAIVI's 64-Channel Network Video Recorder (NVR) sets the standard for high-capacity surveillance systems. With support for up to 64 channels, this NVR offers unparalleled scalability for extensive camera networks. The system is designed to handle the demands of large-scale deployments, ensuring seamless recording and monitoring of numerous cameras simultaneously. The NVR delivers exceptional video quality with 4K resolution, providing clarity and detail for comprehensive surveillance. Operating on a robust Linux architecture, it guarantees stability, reliability, and efficient data management. AVAIVI's 64-Channel NVR is a powerhouse solution, meeting the needs of the most demanding security environments.

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 1000MBPS**

AVAIVI's Network Video Recorders (NVRs) feature high-speed LAN ports with 1000Mbps connectivity. The gigabit LAN interface ensures lightning-fast data transfer and communication between the NVR and connected surveillance cameras. This high-bandwidth connection facilitates swift and efficient video streaming, recording, and data management across your surveillance network. AVAIVI prioritises robust network performance to provide a responsive and reliable platform for your security infrastructure. With 1000Mbps LAN support, AVAIVI's NVRs deliver superior connectivity, meeting the demands of modern surveillance systems. Trust AVAIVI for cutting-edge NVR solutions that elevate the performance of your security setup.

AUDIO I/O

AVAIVI's Network Video Recorders (NVRs) are equipped with Audio In and Audio Out functionalities, providing a comprehensive audio solution for your surveillance needs. The Audio In feature allows you to connect external microphones to capture ambient sounds or voices in the vicinity of your cameras. Simultaneously, the Audio Out feature enables two-way communication, allowing you to listen to live audio feeds and make announcements or warnings through connected speakers. This bidirectional audio capability enhances the situational awareness of your surveillance system, enabling you to respond effectively to events in real-time. Choose AVAIVI's NVRs for an integrated audio experience that complements the visual aspects of your surveillance, providing a more complete and interactive monitoring solution.

**ALARM I/O**

AVAIVI's Network Video Recorders (NVRs) come equipped with Alarm Input/Output (I/O) functionality, enhancing your surveillance capabilities. The Alarm I/O feature allows seamless integration with external alarm devices, sensors, and triggers. When connected to sensors or alarms, the NVR can respond intelligently to events, such as motion detection or door/window openings, triggering specific actions or notifications. This functionality empowers users to create a comprehensive and responsive security system tailored to their specific needs. AVAIVI prioritises the inclusion of advanced features like Alarm I/O to ensure your surveillance infrastructure is not only powerful but also adaptive to dynamic security requirements. Trust AVAIVI for NVR solutions that provide enhanced situational awareness and proactive security measures.

8 SATA



AVAIVI's Network Video Recorders (NVRs) equipped with 8 SATA interfaces redefine surveillance storage capabilities. With the flexibility to accommodate up to eight hard drives simultaneously, these NVRs provide an extensive and scalable solution for high-capacity video storage. The 8 SATA configuration empowers users to build a robust and efficient surveillance system capable of handling large-scale deployments. Whether you're managing a comprehensive security network or seeking prolonged footage retention, AVAIVI's 8 SATA NVRs deliver unparalleled storage capacity and performance. Elevate your surveillance infrastructure with AVAIVI's 8 SATA NVRs, combining reliability, scalability, and ample storage to meet the demands of complex security scenarios.



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.

eSATA

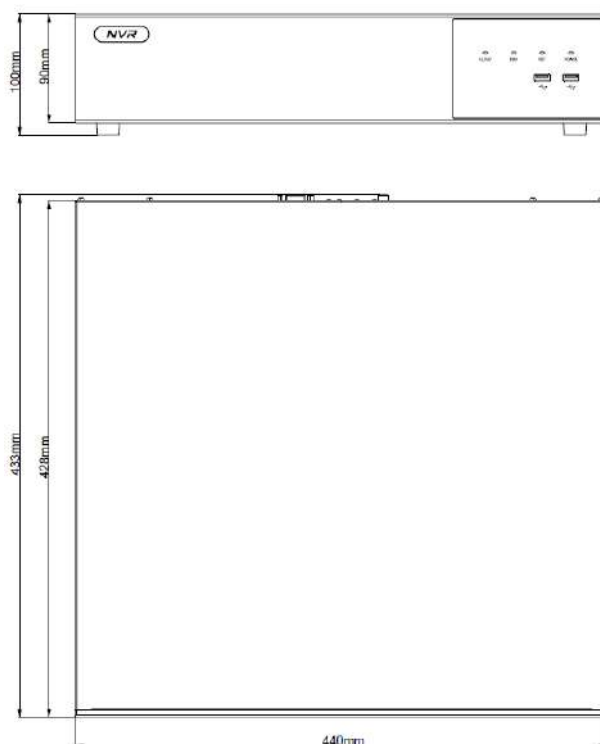


AVAIVI's Network Video Recorders (NVRs) come equipped with eSATA (External Serial Advanced Technology Attachment) support, offering expanded storage options for enhanced flexibility and increased recording capacity. The eSATA interface allows users to connect external storage devices such as external hard drives or enclosures, extending the NVR's storage capacity to meet specific surveillance needs. This feature ensures that users have the flexibility to scale their storage requirements based on the demands of their security infrastructure, providing a convenient and customisable solution for managing video footage. With AVAIVI's eSATA support, your surveillance system gains versatility, allowing you to tailor storage resources to your unique requirements. Trust AVAIVI for solutions that adapt to your evolving security needs.

64CH NETWORK VIDEO RECORDER

System	
Operating System	Embedded LINUX
IP Video Input	64 Channel
Network	
Incoming Bandwidth	640Mbps
Outgoing Bandwidth	512Mbps
Total Throughput	1152Mbps
Network Interface	2 x Interface RJ-45 10/100/1000Mbps
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	1/4/6/8/9/10/13/16/17/25/36
HDMI Output	HDMI-1: 3840x2160, 2560x1440, 1920x1080, 1280x1024, 1280x720, 1024x768 HDMI-2: 1920x1080, 1280x1024, 1280x720, 1024x768
VGA Output	VGA: 1920x1080, 1280x1024, 1280x720, 1024x768
Recording Resolution	12MP/8MP/5MP/4MP/3MP/1080p/1280x1024/960p/720p/D1/CIF
Audio Input	Supported
Audio Output	Supported
Audio Compression	G.711A, G.711U
Video Compression	H.265+/H.265/H.264+/H.264
Decoding	
Live view/Playback	12MP/8MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Local Sync Playback	2X12MP, 4x8MP, 6x5MP, 8x4MP, 2x3MP, 16x2MP, 16x1MP, 16xD1
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	8 SATA
Capacity	Up to 10TB capacity for each HDD
eSATA	1 x Interface
Alarm Event	
Normal Event	Motion, Video Tampering, Video Loss, Alarm Input, Alarm Output, Exception
Smart Event	Line Detection, Intrusion Detection, Loitering Detection, People Gathering Detection by Camera
Interface	
USB Interface	2 x Interface USB2.0 (Front Panel) 1 x Interface USB3.0 (Rear Panel)
Alarm In	16 x Interface
Alarm Out	4 x Interface
Serial Interface	1 x Interface (RS485)
Environmental	
Power Supply	100-240VAC
Power Consumption	≤20W
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions	380 x 316 x 51mm
Weight	2.71Kg (without HDD)

EXPLODED VIEW



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.