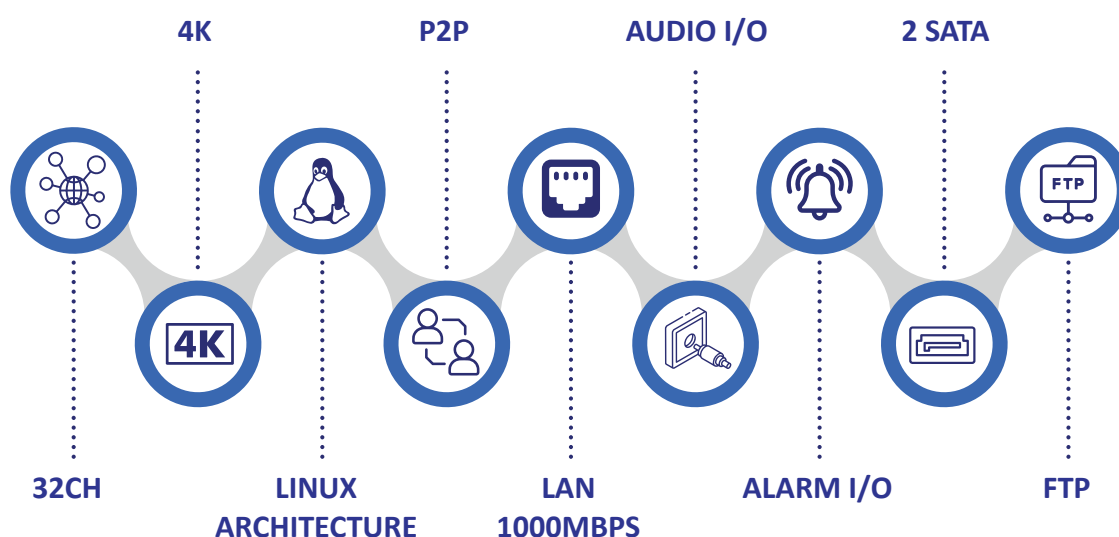# 32Ch Network Video Recorder

**Model
ASNG-P332D2**

FEATURES

- 32 CHANNEL IP CAMERA INPUT WITH 2 SATA HDD SUPPORT.

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

- MAXIMUM 320MBPS INCOMING BANDWIDTH AND 160MBPS 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	AUDIO I/O	2 SATA

32CH	LINUX ARCHITECTURE	LAN 1000MBPS	ALARM I/O	FTP

32 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. 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

32 CH

AVAIVI's 32-Channel Network Video Recorder (NVR) sets the standard for high-capacity surveillance solutions. With support for up to 32 channels, it caters to extensive camera networks, making it ideal for large-scale applications. The NVR ensures superior video quality with 4K resolution and leverages H.265+ compression for efficient data storage. Built on a robust Linux architecture, it provides a stable and reliable platform for continuous surveillance operations. AVAIVI's 32-Channel NVR is a powerful choice, offering advanced features and scalability to meet the evolving needs of expansive security systems.

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.

2 SATA

AVAIVI's Network Video Recorders (NVRs) equipped with 2 SATA interfaces bring enhanced storage capabilities to your surveillance infrastructure. With the dual SATA ports, these NVRs allow you to connect and manage two hard drives simultaneously, offering increased storage capacity and flexibility. Ideal for applications demanding higher storage needs, the 2 SATA NVRs from AVAIVI provide a reliable solution for recording and storing video footage. This configuration enables users to expand their storage capacity without compromising on system performance. AVAIVI's commitment to quality ensures that these NVRs deliver robust and efficient performance for your security requirements. Upgrade your surveillance system with AVAIVI's 2 SATA NVRs for expanded and reliable video storage.
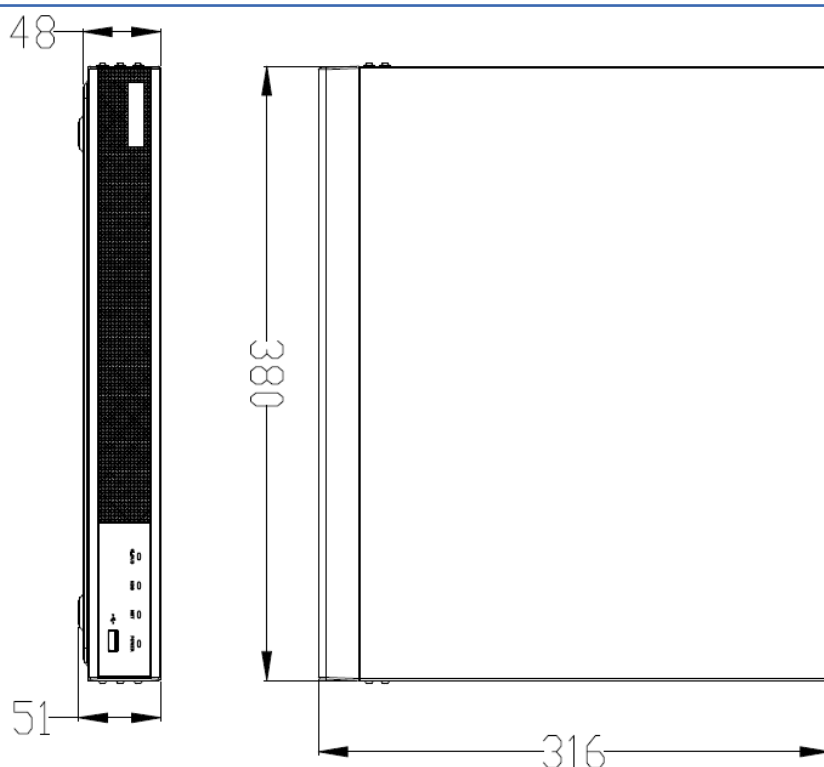
FTP

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.

32CH NETWORK VIDEO RECORDER

System	
Operating System	Embedded LINUX
IP Video Input	32 Channel
Network	
Incoming Bandwidth	320Mbps
Outgoing Bandwidth	160Mbps
Total Throughput	480Mbps
Network Interface	1 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: 3840x2160, 2560x1440, 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	2 SATA
Capacity	Up to 10TB capacity for each HDD
eSATA	N/A
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	1 x Interface USB2.0 (Front Panel) 1 x Interface USB3.0 (Rear Panel)
Alarm In	4 x Interface
Alarm Out	1 x Interface
Serial Interface	N/A
Environmental	
Power Supply	DC-12V/4A
Power Consumption	≤10W
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

48

380

51

316

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.