



VALUE

AX-NVR3664C8S

64CH 4K Network Video Recorder

4K Resolution

4K resolution is a revolutionary breakthrough in image processing technology. 4K delivers four times the resolution of standard HDTV 1080p cameras and offers superior picture quality and image details. 4K resolution improves the clarity of a magnified scene to view or record crisp forensic video from large areas.

High Efficiency Video Coding (H.265)

The H.265 (ITU-T VCEG) video compression standard offers double the data compression ratio at the same level of video quality, or substantially improved video quality at the same bit rate, as compared to older video compression technologies. H.265 offers such impressive compression by expanding the pattern comparison and difference-coding, improving motion vector prediction and motion region merging, and incorporating an additional filtering step called sample-adaptive offset filtering.

Automatic Network Replenishment (ANR) Technology

Network Video Recorders with the ANR function automatically store video data on an IP camera SD card when the network is disconnected. After recovery of the network, the NVR automatically retrieves the video data stored on the camera.

FEATURES

- Input: Max. 64CH
- Support (two-way) Audio
- HD Output: 4K(3840x2160)
- Video Compression : H265/H264/H265+/H264+



VALUE SERIES

TECHNICAL SPECIFICATION

SYSTEM

	AX-NVR3664C8S
Main Processor	Quad Cortex A53
Operating System	Embedded LINUX

VIDEO

Input	64CH(12MP/8MP/6MP/5MP/4MP/3MP/1080p/1280x1024/960p/720p/D1/CIF)
Output	2*HD,1*VGA

AUDIO

Input	1 Port RCA, support 64CH IPC audio input
Output	1 Port RCA(Linear, 1kΩ), HD output
Audio Bit Rate	64kbps
Audio Compression	G711u, G711a, AAC
Intercom	support (two-way)

ALARM

Sensor Input	16CH
Output	4CH
Motion Detection	64 Channel, MD Zones: 396 (22 × 18)
Trigger Events	Recording, Email, FTP, Snapshot, Buzzer and Screen Tips, alarm output

DISPLAY

HD Output1	4K(3840*2160)/2K(2560*1440)/1920*1080/1280*1024/1280*720/1024*768
HD Output2	1920x1080, 1280x1024, 1280x720z, 1024x768
VGA	1920*1080/1280*1024/1280*720/1024*768
Display Split	HDMI1/VGA: 1/4/6/8/9/16/25/36/64 HDMI2: 1/4/6/8/9/16
Digital Zoom	YES
OSD	Camera Title, Time, Recording, Motion Detection, Event Alarm

RECORDING

Video Compression	H265/H264/H265+/H264+
Resolution	12MP(4000*3000),8MP(3840*2160),5MP(2592*1944),4MP(2688*1520/2560*1440),3MP(2048*1536),1080P(1920*1080),960P(1280*960),720P(1280*720),D1(720*576/720*480)
Record Rate	PAL :12MP@64CHx25fps,8MP@64CHx25fps,5MP@64CHx25fps,4MP@64CHx25fps,3MP@64CHx25fps,1080P@64CHx25fps,960P@64CHx25fps,720P@64CHx25fps, D1@64CHx25fps NTSC: 12MP@64CHx30fps,8MP@64CHx30fps,5MP@64CHx30fps,4MP@64CHx30fps,3MP@64CHx30fps,1080P@64CHx30fps,960P@64CHx30fps,720P@
Record Mode	Manual\Timer\Motion Detection\ Alarm\Smart Event

TECHNICAL SPECIFICATION

PLAYBACK & BACKUP

	AX-NVR3664C8S
Local Sync Playback	2CH 12MP@30fps,4CH 8MP@30fps,6CH 5MP@30fps,8CH 4MP@30fps, 16CH 1080P@30fps, 16CH 960P@30fps, 16CH 720P@30fps,16CH D1@30fps
Decode Capability	1080P(1920x1080)@480fps
Remote Sync Playback	YES
Search Mode	ALL, Timing Video, Motion Detection, Alarm,Tag search,Smart Event,Picture,Log
Playback Functions	Play, pause, fast forward, rewind, previous frame, next frame, electronic zoom, clip, audio
Backup Mode	USB Device/Network

NETWORK

Network Interface	2xRJ45 10M/100/1000MAdaptive Ethernet Interface
Incoming Bandwidth	640Mbps
Outgoing Bandwidth	512Mbps
Network Functions	IPv6,TCP/IP, HTTP,HTTPS, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTSP, RTCP, p2p,PPPOE
Onvif	Profile S, Profile G, Profile T
Web Browser	Edge,IE8-11, Google Chrome , Firefox ,Safari
CMS Software	Support Windows 7/ Windows 8/Windows 10/Windows 11/MAC OS
Cloud Support	Yes
Smart Phone	iPhone, iPad, Android, Android Pad
POE	N/A
WIFI	N/A

STORAGE

Interface Type	8 SATA Hard Disk Interface (3.5" SATA)
Capacity	Up to 10 TB capacity for each HDD
eSATA	1 eSATA

GENERAL

Language UI	Simplified Chinese, Traditional Chinese,English, Russian,Deutsch, French, Portuguese, Spanish, Italian, Korean, Japanese, Ukrainian, Polski,Dutch, Greek, Czech, Arabic
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
RS485	1port
Power consumption	100-240VAC , 50/60Hz ≤20W(Without Hard Disk and POE)
Working Environment	-10°C-50°C, 10%-90%(humidity)
Dimension(W×D×H)	440mm × 428mm × 90mm (17.3" " × 16.8" × 3.5")
Weight	≤ 4.9Kg(without HDD)