ACTIVX™
by Microlink

VALUE ⚙

AX-NVR032C4S

132 Channel 4K H.265 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.

FEATURES

• Smart H.265+/H.265

• Max 200Mbps Incoming Bandwidth

• Up to 8MP Resolution for Preview and Playback

• Up to 2ch@4K/8ch@1080P decoding

• HDMI/VGA simultaneous video output

4K | **H.265+ HEVC** | | **Max 8TB** | **5Mp**

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.

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TECHNICAL SPECIFICATION

SYSTEM

	AX-NVR032C4S
Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX

AUDIO AND VIDEO

IP Camera Input	16/32 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA

VIDEO DETECTION AND ALARM

Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss & Tampering
Alarm input	16 Channel
Relay Output	4 Channel
Tracking Trigger Event	N/A

DISPLAY

Interface	1 HDMI, 1 VGA
Resolution	HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720
Multi-sceen Display	16CH: 1/4/8/9/16 ; 32CH: 1/4/8/9/16/25/36
OSD	Camera title, Time, Camera lock, Motion detection, Recording
Decoding Capacity	2ch@4K 30fps, 8ch@1080P 30fps

AUXILIARY INTERFACE

USB	4 USB Ports (2 USB2.0, 2 USB3.0)
RS232	1 Port, for PC Communication and Keyboard
RS485	1 Port, for PTZ Control
Front Cover	Support Hot-swap

THIRD-PARTY SUPPORT

Third-party Support	Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotek and more

RECORDING

Video Compression	Smart H.265+/H.265/Smart H.264+/H.264
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Tampering, Video Loss), Stop
Resolution	8Mp/ 6Mp/ 5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P etc
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Rate	200Mbps
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec

ACTIVX by Microlink

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VALUE SERIES ⚙

TECHNICAL SPECIFICATION

PLAYBACK & BACKUP

	AX-NVR032C4S
Playback Function	Play, Pause, Stop, Rewind, Fast play,Slow Play, Next File, Previous File,Next Camera, Previous Camera,Full Screen, Backup Selection,Digital Zoom
Playback	1/4/9/16
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second), Smart search
Backup Mode	USB Device/Network

NETWORK

Network Interface	2 RJ-45 Ports(10/100/1000Mbps)
Ethernet Port	4 Ethernet Ports Joint Working or 4T Independent 1000Mbps Ethernet Ports
PoE	N/A
Network Functions	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DNS, IP Filter, PPPoE, DDNS, FTP, IP Search (Support Snappy IP camera, DVR, NVS, etc.), Easy4ip
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, CGI Conformant

STORAGE

Internal HDD	8 SATA III Ports, Up to 8 TB capacity for each HDD
HDD Mode	Single, Raid 0/1/5/6/10(Enterprise-level HDDs recommended), Support Global HDD Hot-spare
eSATA	1 eSATA Port (Please contact technical engineer to confirm the compatible device)
SAS	1 Mini SAS Port, for Storage Expansion

ELECTRICAL

Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	<11.7W (Without HDD)

ENVIRONMENTAL

Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH

CONSTRUCTION

Dimensions	1.5U, 440mm×411.1mm×76mm (17.3" x 16.2" x 3.0")
Net Weight	4.5kg (9.9 lb) (without HDD)
Gross Weight	7kg(15.4 lb)(without HDD)

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