

MV-NVR009C1S

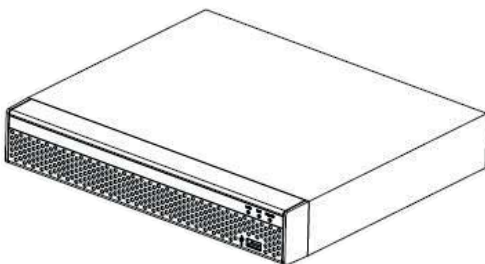
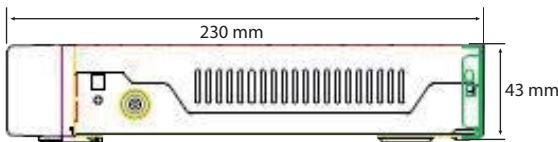
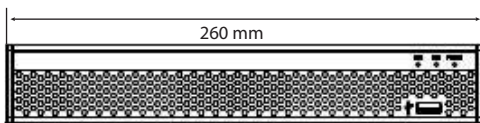
VALUE 

9 Channel 4K H.265 Network Video Recorder



Features

- Third-party Network Cameras Supported
- Up to 8MP Resolution Recording and Playback
- HD and VGA Output, HD Port up to 4K (3840x2160)
- H.265+/H.265/H.264+/H.264 Video Format
- Support 1 SATA up to 8TB Capacity



System Overview

The NVR is capable of transmitting 8MP image. It helps to save up to 50% HDD and storage space with its H.265 decoding technology compared with H.264.

Due to its cost-effective and easy-to-install design, this NVR is ideal for a wide range of applications such as home safety, grocery, warehouse, education, and financial institutions.

The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems that work independently of video management system (VMS). It features an open architecture that supports for multi-user access and is compatible with ONVIF 2.4 protocol, enabling interoperability with IP cameras.

Functions

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.

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TECHNICAL SPECIFICATION

System

| | |
|------------------|-------------------------|
| Main Processor | ARM Cortex A7 Processor |
| Operating System | Embedded LINUX |

Video

| | |
|--------|--|
| Input | 9CH(3840*2160,2592x1944, 2048x1536, 920x1080, 1280x960, 1280x720, etc) |
| Output | 1 VGA, 1 HD |

Audio

| | |
|----------------------------|--------------------------|
| Input | 1 Port RCA |
| Output | 1 Port RCA(Linear, 1kΩ) |
| Audio Bit Rate | 64kbps |
| Audio Compression standard | G711u, G711a, ADPCM_DVI4 |
| Intercom | Support (two-way) |

Alarm

| | |
|------------------|---|
| Sensor Input | N/A |
| Output | N/A |
| Motion Detection | 9 Channel, MD Zones: 396 (22 x 18) |
| Trigger Events | Recording, Email, FTP, Snapshot, Buzzer and Screen Tips |

Display

| | |
|---------------|--|
| HD Output1 | 1024x768/60Hz,1280x720/60Hz,1280x1024/60Hz,1920x1080/60Hz,4K(3840x2160)/30Hz |
| HD Output2 | N/A |
| VGA | 1920x1080/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz |
| Display Split | 9CHxD1/8CHxD1/4CHxD1/1CHx1080P/1CHx3MP/1CHx4MP/1CHx5MP/1CHx4k |
| Digital Zoom | YES |
| OSD | Camera Title, Time, Recording, Motion Detection, Event Alarm |

Recording

| | |
|-------------------|---|
| Video Compression | H265/H264/H265+/H264+ |
| Resolution | 4k(3840x2160),5MP(2592x1944),4MP(2688x1520/2560x1440),3MP(2048x1536),1080P(1920x1080),960P(1280x960),720P(1280x720),D1(720x576/720x480) |
| Record Rate PAL | 4K@8x25fps,5MP@9x25fp,4MP@9x25fp,3MP@9x25fp,1080P@9x25fp,960P@9x25fp,720P@9x25fp, D1@9x25fp |
| Record Rate NTSC | 4K@8x30fps,5MP@9x30fp,4MP@9x30fp,3MP@9x30fp,1080P@9x30fp,960P@9x30fp,720P@9x30fp, D1@9x30fp |
| Record Mode | Manual\Timer\Motion Detection\Smart Alarm |

Playback & Backup

| | |
|----------------------|---|
| Local Sync Playback | 1CH 4K@30fps, 1CH 5MP@30fps,2CH 4MP@30fps, 2CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps |
| Decode Capability | 4CH 1080P(1920x1080)@30fps |
| Remote Sync Playback | YES |
| Search Mode | ALL, Channel, Manual, Time, Date, Motion Detection,Event Alarm,Tag search |
| Playback Functions | Play, Pause, Stop, Rewind, Fast play, Slow Play, Full Screen, Frame Play ,Frame Rewind, Digital Zoom,tag,clip |
| Backup Mode | USB Device/Network |

Network

| | |
|--------------------|--|
| Interface | 1 x RJ45 (10M/100M Adaptive Ethernet Interface) |
| Incoming Bandwidth | 80MB |
| Network Functions | TCP/IP, HTTP, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTSP, RTCP, p2p,PPPOE |
| Onvif Version | Support Onvif 2.8 |
| Web Browser | IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53) |
| CMS Software | Support Windows 7/ Windows 8/ Windows 10/MAC OS |
| Cloud Support | Yes |
| Smart Phone | iPhone, iPad, Android, Android Pad |
| POE | N/A |
| WIFI UI | N/A |

Storage

| | |
|----------------|--|
| Interface Type | 1 SATA Hard Disk Interface (3.5" SATA) |
| Capacity | Up to 8TB capacity |
| eSATA | N/A |

General

| | |
|---------------------|---|
| Language UI | English, Bulgarian, Polish, Arabic, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian,Nederlands,Czech, Vietnamese Chinese |
| USB Interface | 2 USB 2.0 Interfaces |
| RS485 | 1port |
| Power Supply | DC12V 2A |
| Working Environment | -10~55°C/10~90% |
| Dimension(WxDxH) | 260*215*43(mm) |
| Weight | 2kg(without HDD) |