RC-NSD8709-S2 Series
9-CH Network Video Recorder

Rancent RC-NSD8709-S2 embedded network video recorder is designed to convert 9-channels of digital video streams into HD analog video signals. With its automatic format detection, it effortlessly decodes H.265+, H.265+, H.264+, H.264 video compression codecs, enabling effective network bandwidth and storage management. The Rancent cost-effective NVRs are enabled with powerful capabilities, supporting up to 5MP video resolution for recording, live view and playback. With plug-and-play functionality, accessing and managing multiple channels of IP cameras/PTZs and other smart functions has never been easier.

Typical Applications

- IP or analog HD CCTV surveillance system
- intelligent safe city surveillance system
- intelligent transportation mornitoring systemr

Product Features

- H.265+/H.265/H.264+/H.264 video formats self-adaptive
- Up to 9-ch 5MP decoding capability
- Up to 5MP (2592×1944) resolution recoding/live view/playback
- Supports live view, storage, and playback of the connected camera at up to 5 MP resolution
- HDMI and VGA independent outputs
- HDMI Video output at up to 1080P (1920 × 1080/60Hz) resolution
- Up to 1 SATA interfaces, up to 8 TB for each HDD
- Third-party network cameras supported
- Centralized management of IP cameras, including configuration, information import/export, real-time information display, upgrade, etc.

Specifications

Video

Video Input	9CH (2592x1944, 2048x1536, 1920×1080, 1280×960, 1280×720, etc)
Output	1 VGA, 1 HDMI

Audio

Output	1 Port 3.5mm(Linear, 1kΩ)
Audio Bit Rate	64kbps
Audio Compression	G711u, G711a, ADPCM_DVI4

Alarm

Motion Detection	9 Channel, MD Zones: 396 (22×18)
Trigger Events	Recording, Email, FTP, Snapshot, Buzzer and Screen Tips

Display

HDMI Output	1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz
VGA Output	1920×1080/60Hz,1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz
Display Split	9CHxD1/8CHxD1/4CHxD1/ 1CHx1080P/1CHx3MP/ 1CHx4MP/1CHx5MP
Digital Zoom	YES
OSD	Camera Title, Time, Recording, Motion Detection, Event Alarm

Recording

Video Compression	H.265/ H.265+/H.264/H.264+
Video Resolution	5MP(2592×1944), 4MP(2688×1520/2560×1440), 3MP(2048×1536),1080P(1920×1080), 960P(1280x960),720P(1280×720), D1 (720×576/720×480)
Record Rate	PAL: 5MP@9×25fp,4MP@9x25fp, 3MP@9×25fp,1080P@9×25fp, 960P@9×25fp,720P@9×25fp, D1@9×25fp NTSC: 5MP@9×30fp,4MP@9×30fp, 3MP@9×30fp,1080P@9×30fp, 960P@9×30fp, 720P@9×30fp, D1@9×30fp
Record Mode	Manual\Timer\Motion Detection\ Smart Alarm

Playback&Backup

Local Sync Playback	1CH 5MP@30fps, 1CH 4MP@30fps, 2CH 3M@30fps, 4CH 1080P@20fps, 4CH 960P@30fps, 4CH 720P@30fps
Decode Capability	4CH 1080P@20fps
Remote Sync Playback	YES
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection,Event Alarm
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow Play, Full Screen, Frame Play ,Frame Rewind, Digital Zoom
Backup Mode	USB Device/Network

Network

Interface	1 x RJ45 10M/100M Adaptive Ethernet Interface
Incoming Bandwidth	60MB
Network Functions	TCP/IP, HTTP, UPnP, DNS, NTP, SMTP, PPPoE, DHCP, FTP, DDNS, RTP, RTSP, RTCP, p2p
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
Smart Phone	iPhone, iPad, Android, Android Pad

Hard Disk

SATA	1 SATA hard disk interface (2.5"/3.5")
Capacity	Up to 8TB capacity

System

Main Processor	ARM Cortex A7 Processor
Operating System	Embedded LINUX

General

Power Supply	DC 12V/2A
Consumption	≤10W (Without HDD & POE)
Working Temperature	-10 °C to 55 °C
Working Humidity 1	0 to 90 %
Dimension	260 x 215 x 43 mm