



SPECIFICATION

Model NO.

NR-5109-4P

System

Main Processor

Dual Cortex A53

Operating System

Embedded LINUX

Video

Input

9CH(12MP/8MP/6MP/5MP/4MP/3MP/1080p/1280x1024/960p/720p/D1/CIF)

Output

1 VGA, 1 HD

Audio

Input

1 Port RCA, support 9CH IPC audio input

Output

1 Port RCA(Linear, 1kΩ), HD output

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 × 18)

Trigger Events

Recording, Email, FTP, Snapshot, Buzzer and Screen Tips, alarm output

Display

HD Output1

4K(3840*2160), 1920*1080, 1280*1024, 1280*720, 1024*768

HD Output2

N/A

VGA

Resolution:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz

Display Split

9CH/8CH/6CH/4CH/1CH

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),6MP(3072*2048),5MP(2592×1944),4MP(2688×1520/2560×1440),3MP(2048×1536),1080P(1920×1080),1280x1024,960P(1280x960),720P(1280×720),960H(960x480)D1(720×576/720×480)
Record Rate	PAL: 12MP@6CHx25fps,4K@9CHx25fps,5MP@9CH×25fps,4MP@9CHx25fps,3MP@9CH×25fps,1080P@9CH×25fps, 960P@9CH×25fps,720P@9CH×25fps, D1@9CH×25fps NTSC: 12MP@6CHx30fps,4K@9CHx30fps,5MP@9CH×30fps,4MP@9CH×30fps,3MP@9CH×30fps,1080P@9CH×30fps, 960P@9CH×30fps,720P@9CH×30fps,D1@9CH×30fps
Record Mode	Manual\Timer\Motion Detection\Smart Event
Playback & Backup	
Local Sync Playback	1CH 12MP@30fps,1CH 8MP@30fps,2CH 5MP@30fps,4CH 4MP@30fps,7CH 1080P@30fps,9CH 720P@30fps,9CH D1@30fps
Decode Capability	1080P(1920x1080)@210fps
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,
Backup Mode	USB Device/Network
Network	
Interface	1 x RJ45(10M/100M Adaptive Ethernet Interface)
Incoming Bandwidth	80MB
Network Functions	IPv4/IPv6/TCP/IP, HTTP,HTTPS, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTSP, RTCP, p2p,PPPOE
Onvif	Profile S, 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	4 x Independent 100Mbps POE Network Interfaces(Output Power AT mode 30W per Interface, AF mode 15W per Interface), 45/78 line order, Total Power Output 45W, Support Plug and Play, Support network cable extended mode Max. 200M
WIFI UI	N/A
Storage	
Interface Type	1 SATA Hard Disk Interface (3.5" SATA)

Capacity	Up to 10TB capacity
eSATA	N/A
General	
Language UI	Traditional Chinese, Simplified Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, Korean, Dutch, Greek,
USB Interface	2 USB 2.0 Interfaces
RS485	N/A
Power Supply	DC48V/1.36A ≤ 10W (Without Hard Disk)
Working Environment	"-10℃～50℃, 10%～90%(humidity)
Dimension(W×D×H)	260*230*43(mm)
Weight	1.53kg(without HDD)

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