



SPECIFICATION

Model NO.	NR-5116N-P8
System	
Main Processor	Dual Cortex A53
Operating System	Embedded LINUX
Video	
Input	16CH(12MP/8MP/6MP/5MP/4MP/3MP/1080p/1280x1024/960p/720p/D1/CIF)
Output	1 VGA, 1 HD
Audio	
Input	1 Port RCA, support 16CH 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	16 Channel, MD Zones: 396 (22 × 18)
Trigger Events	Recording, Email, FTP, Snapshot and Screen Tips
AI	
Management Function	YES
Display	
HD Output1	4K(3840*2160), 1920*1080, 1280*1024, 1280*720, 1024*768
HD Output2	N/A

VGA	1920x1080, 1280x1024, 1280x720, 1024x768
Display Split	16CH/13CH/10CH/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@10CHx25fps,4K@16CHx25fps,5MP@16CH×25fps,4MP@16CHx25fps,3MP@16CH×25fps,1080P@16CH×25fps, 960P@16CH×25fps,720P@16CH×25fps, D1@16CH×25fps NTSC: 12MP@10CHx30fps,4K@16CHx30fps,5MP@16CH×30fp,4MP@16CH×30fp,3MP@16CH×30fps,1080P@16CH×30fp,960P@16CH×30fp, 720P@16CH×30fp,D1@16CH×30fp
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,16CH 720P@30fps,16CH 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 RJ45(10M/100M/1000M self-adaptive Ethernet Interface)
Incoming Bandwidth	128MB
Network Functions	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	8 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 72W, 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 8 TB capacity
eSATA	N/A
General	
Language UI	Simplified Chinese, Traditional Chinese, English, Polski, Czech, Russian, Arabic, German, French, Portuguese, Spanish, Italian, Hungarian, Korean, Dutch, Greek, Janpanese, Ukrainian, Kazakh
USB Interface	2 USB 2.0 Interfaces
RS485	1port
Power Supply	DC48V/1.87A ≤ 10W (Without Hard Disk)
Working Environment	-10~55℃/10~90%
Dimension(W×D×H)	260*230*43(mm)
Weight	1.75kg(without HDD)

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