



SPECIFICATION	
Model NO.	NVR3109S1P8
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*HD
Audio	
Input	N/A
Output	N/A
Audio Bit Rate	64kbps
Audio Compression standard	G711U, G711A, AAC, MP2L2
Intercom	N/A
Alarm	
Sensor Input	N/A
Output	N/A
Motion Detection	9 Channel, MD Zones: 396 (22 × 18)
Trigger Events	Recording, Email, FTP, Snapshot and Screen Tips, Pop-up Window, Notify Surveillance Center
Display	
HD Output1	4K(3840*2160)/2K(2560*1440)/1920*1080/1280*1024/1280*720/1024*768
HD Output2	N/A
VGA	N/A
Display Split	9CH/8CH/6CH/4CH/2CH/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
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, Timing Video, Motion Detection, Tag search,Smart Event,Pictrue,Log
Playback Functions	Play, pause, fast forward, rewind, previous frame, next frame, electronic zoom, clip, audio
Backup Mode	USB Device/Network
Network	
Interface	1 x RJ45(10M/100M Adaptive Ethernet Interface)
Incoming Bandwidth	80Mbps
Outgoing Bandwidth	80Mbps
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, Android
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 45W, Support Plug and Play, Support network cable extended mode Max. 200M
WIFI	N/A
Storage	
Interface Type	1 SATA Hard Disk Interface (3.5" SATA)
Capacity	Up to 8TB capacity
eSATA	N/A
General	
Language UI	Simplified Chinese, Traditional Chinese, English, Polski, Czech, Arabic, German, French, Portuguese, Spanish, Italian, Hungarian, Korean, Dutch, Greek, Janpanese, Ukrainian, Kazakh
USB Interface	2 USB 2.0 Interfaces
RS485	N/A
Power consumption	DC48V/1.36A ≤ 9.5W (Without Hard Disk)
Working Environment	-10℃～50℃, 10%～90%(humidity)
Product Dimension(W×D×H)	200*175*40(mm)
Net Weight	0.57kg(without HDD)
Gross Weight	1.26kg(without HDD)