



## SPECIFICATION

<b>Model NO.</b>	<b>NVR-1B8L</b>
<b>System</b>	
Main Processor	Dual Cortex A53
Operating System	Embedded LINUX
<b>Video</b>	
Input	16CH(12MP/8MP/6MP/5MP/4MP/3MP/1080p/1280x1024/960p/720p/D1/CIF)
Output	1*HD,1*VGA
<b>Audio</b>	
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, AAC, MP2L2
Intercom	support (two-way)
<b>Alarm</b>	
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, Pop-up Window, Buzzer, Notify Surveillance Center
<b>Display</b>	
HD Output1	4K(3840*2160)/2K(2560*1440)/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/2CH/1CH
Digital Zoom	YES
OSD	Camera Title, Time, Recording, Motion Detection, Event Alarm
<b>Event</b>	
Smart Event	Intrusion Detection, Line Crossing Detection, Region Entrance, Region Exiting, Loitering Detection, People Gathering Detection, Face Detection, Illegal Parking, Line Crossing Count, LPD(License Plate Detection), Object Left Behind, Object Removed, Heat Map
Normal Event	Motion, Video Tampering, Video Loss, Audio Detection, Scene Change
<b>Recording</b>	
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@16CHx25fps,4MP@16CHx25fps,3MP@16CHx25fps,1080P@16CHx25fps,960P@16CHx25fps,720P@16CHx25fps, D1@16CHx25fps NTSC: 12MP@10CHx30fps,4K@16CHx30fps,5MP@16CHx30fp,4MP@16CHx30fp,3MP@16CHx30fps,1080P@16CHx30fp,960P@16CHx30fp,720P@16CHx30fp,D1@16CHx30fp
Record Mode	Manual\Timer\Motion Detection\Smart Event
<b>Playback &amp; Backup</b>	
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, Timing Video, Motion Detection, Tag search,Smart Event,Picture,Log
Playback Functions	Play, pause, fast forward, rewind, previous frame, next frame, electronic zoom, clip, audio
Backup Mode	USB Device/Network
<b>Network</b>	
Interface	1 RJ45(10M/100M self-adaptive Ethernet Interface)
Incoming Bandwidth	128Mbps
Outgoing Bandwidth	80Mbps
Network Functions	IPv4/IPv6/TCP/IP, HTTP,HTTPS, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTSP, RTCP, p2p,PPPOE, SNMP
Onvif	Profile S, Profile T
Web Browser	Edge,IE8-11, Google Chrome , Firefox ,Safari
CMS Software	Support 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 72W, Support Plug and Play, Support network cable extended mode Max. 200M
WIFI	N/A
<b>Storage</b>	
Interface Type	1 SATA Hard Disk Interface (3.5" SATA)
Capacity	Up to 10TB capacity
eSATA	N/A
<b>General</b>	
Language UI	Simplified Chinese, Traditional Chinese, English, Polski, Czech, Arabic, German, French, Portuguese, Spanish, Italian, Hungarian, Korean, Dutch, Greek, Japanese, Ukrainian, Kazakh, Hebrew
USB Interface	2 USB 2.0 Interfaces
RS485	N/A
Power consumption	DC48V/1.87A ≤ 10W (Without Hard Disk)
Working Environment	-10℃ ~ 50℃, 10%~90%(humidity)
Product Dimension(W×D×H)	260*230*43(mm)
Net Weight	0.78kg(without HDD)
Gross Weight	1.52kg(without HDD)