SPECIFICATION	
Model NO.	NVR-2B16L

System

Main Processor	Quad Cortex A53
Operating System	Embedded LINUX

Video

Input	16CH(12MP/8MP/6MP/5MP/4MP/3MP/1080p/1280x1024/960p/720p/D1/CIF)
Output	1*HD,1*VGA

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, AAC, MP2L2
Intercom	support (two-way)

Alarm

Sensor Input	4CH
Output	1CH
Motion Detection	16Channel, MD Zones: 396 (22 × 18)
Trigger Events	Recording, Email, FTP, Snapshot and Screen Tips, Pop-up Window, Buzzer, Notify Surveillance Center, Alarm Output

Display

HD Output1	4K(3840*2160)/2K(2560*1440)/1920*1080/1280*1024/1280*720/1024*768
HD Output2	N/A
VGA	1920*1080/1280*1024/1280*720/1024*768
Display Split	16CH/13CH/10CH/9CH/8CH/6CH/4CH/2CH/1CH
Digital Zoom	YES
OSD	Camera Title, Time, Recording, Motion Detection, Event Alarm

Event

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
Nomal Event	Motion, Video Tampering, Video Loss, Alarm Input, Audio Detection, Scene Change

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@16CHx25fps,8MP@16CHx25fps,6MP@16CHx25fps,5MP@16CH ×25fps,4MP@16CHx25fps,3MP@16CH ×25fps,1080P@16CH×25fps, 960P@16CH×25fps,720P@16CH ×25fps, 960H@16CHx25fps,D1@16CH ×25fps NTSC: 12MP@16CHx30fps,8MP@16CHx30fps,6MP@16CHx30fps,5MP@16CH ×30fps,4MP@16CHx30fps,3MP@16CH ×30fps,1080P@16CH×30fps, 960P@16CH×30fps,720P@16CH×30fps, 960H@16CHx30fps,D1@16CH ×30fps
Record Mode	Manual\Timer\Motion Detection\ Alarm\Smart Event

Playback & Backup

Local Sync Playback	1CH 12MP@30fps,2CH 8MP@30fps,3CH 5MP@30fps, 4CH 4MP@30fps,8CH 1080P@30fps, 16CH 960P@30fps, 16CH 720P@30fps,16CH D1@30fps
Decode Capability	1080P(1920x1080)@240fps
Remote Sync Playback	YES

Search Mode	ALL, Timing Video, Motion Detection, Alarm,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	1xRJ45 10M/100/1000MAdaptive Ethernet Interface
Incoming Bandwidth	160Mbps
Outgoing Bandwidth	160Mbps
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, Profile G
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	16 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≤ 200W, Support Plug and Play, Support network cable extended mode Max. 200M
WIFI	N/A

Storage

Interface Type	2 SATA Hard Disk Interface (3.5" SATA)
Capacity	Up to 10 TB capacity for each HDD
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, Hebrew
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
RS485	N/A
Power consumption	100-240VAC , 50/60Hz ≤15W (Without Hard Disk and POE)
Working Environment	-10℃～50℃, 10%～90%(humidity)
Product Dimension(W×D×H)	380 x 316 x 51mm
Net Weight	2.58kg(without HDD)
Gross Weight	3.48kg(without HDD)