

NVR1828-01B

1 Bay Commercial Network Video Recorder



Features

High-performance

- H.265 supported
- 1 x 4K@30fps / 4 x 1080p@30fps video decoding capability
- Up to 16 channels and 4K supported
- Up to 80Mbps incoming bandwidth
- Up to 64Mbps output bandwidth

Small size

- 1.2kg / 2.65lb
- 384 x 199 x 33mm / 15.1" x 7.83" x 1.3"

Easy to install

- Automatic network organizing
- Built-in DHCP server

High reliability

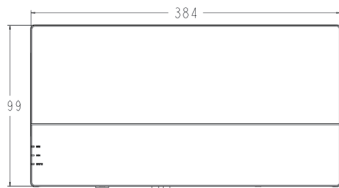
- Embedded Linux
- Low power consumption
- Supports Packet Loss Recovery (PLR)

Abundant functions and features

- HDMI/VGA simultaneously output different content
- E-Map, TV-Wall supported
- Bi-directional audio, Broadcasting
- NAT
- Alarm management
- Free CMS (V Station), supports 128 NVR simultaneously
- CMS supports 6 screens simultaneously (4 x Live viewing, 1 x E-Map, 1 x TV-Wall)

Dimensions

Units:mm



Specifications

	NVR1828-01009B/8P	NVR1828-01016B/8P
Video/Audio Input		
IP Camera Input	9 channel	16 channel
Resolution	8MP(4K), 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF	8MP(4K), 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF
Compression	H.265 / H.264	H.265 / H.264
Protocols	Onvif, RTSP, KEDACOM	Onvif, RTSP, KEDACOM
Incoming Bandwidth	60Mbps	80Mbps
Live Viewing		
Local Display	1 x HDMI, 1 x VGA, simultaneously output different content	
Multi Screen Display Local monitor	1/1,4/4,1+5/1+5,1+7/1+7,9/9,16/16	
Multi Screen Display Client	up to 4 screen simultaneously: 1 - 64 x Multiple Layouts	
E-Map	Live Viewing in E-Map (V Station)	
Recording		
Resolution	8MP(4K), 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF	8MP(4K), 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF
Mode	Manual / Continuous / Schedule / Event (Pre / Post)	
Event Trigger	Supported	
Tag	Supported	
Search & Playback		
Search Mode	Date and time (Calendar) / Event	
Resolution	8MP(4K), 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF	8MP(4K), 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF
Playback (Local Monitor)	1 x 4K@30fps / 4 x 1080p@30fps	1 x 4K@30fps / 4 x 1080p@30fps
Playback (Client)	9 x 4K@30fps	16 x 4K@30fps
Synchronize Playback (Local Monitor)	4 x 1080p@30fps	4 x 1080p@30fps
Synchronize Playback (Client)	9 x 4K@30fps	16 x 4K@30fps
Function	Slow forward / Fast forward / Loop / Single frame / E-PTZ	
Storage		
Max. Internal HDDs	1 x 3.5" HDD	
	Max. 8TB (up to 8TB/each)	
Audio		
Compression	G.711a / G.711u / ADPCM / G.722 / G.722.1c / AAC-LC	
Bit rate	32kbps ~ 64kbps	
Audio Function	Bi-directional audio / Dumb / Mute / Broadcasting	
Alarm		
Service Alarm Triggers	Alarm input / Video lost / Motion detection / Tampering / Guard line / Defocus / Scene change / Enter guard area / Exit guard area / Object left / Object removal / Gathering / Audio surge	
System Alarm Triggers	Device disconnected / No disk / Disk error / IP Address conflict / Network disconnected / Low speed / Insufficient recording space / MAC address conflict / Insufficient snapshot space	
Alarm Events	Snapshot / Recording / PTZ preset / Buzzer / Email / Link to Client / Alarm caption / Live view in first window / Link to TV Wall / Link to secondary screen / Full screen viewing	
System		
Operating System	Embedded Linux	
User Management	Admin / User	
Log Management	User login / User operation / Alarm / Backup / Update	
Application Programming	V Station SDK	
Network		
Network Protocols	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, SNMP, VSIP, UPNP, NTP, SNMP, SMTP, IPv4, IPv6 (optional)	
Viewer Software	CMS (NVR Station) / Web / iOS app / Android app	
Max. User Access	16 Users	
Output Bandwidth	64Mbps	
Function	NAT / Multiple network access / Packet loss recovery / Auto network organizing	
Network Test	Supported	
Interfaces		
Ethernet	1 x 10/100M, RJ45 interface	1 x Gigabyte network port, RJ45 interface
PoE	8 x 10/100M PoE port, RJ45 interface, 15W / each port	
	1 x HDMI (up to 3840 x 2160@60Hz)	
Video Out	1 x VGA (up to 1920 x 1080@60Hz)	
Audio In / Out	1 x RCA Line in / 1 x RCA Line out	
Alarm In / Out	4 x Inputs / 2 x Outputs	
Control	1 x RS485	
USB	2 x USB 2.0	
Environmental		
Operating Temperature	-10°C ~ 55°C / 14°F ~ 131°F	
Operating Humidity	10% ~ 90%	
Electrical		
Power	48V DC ± 10%	
Power Consumption	Max. 40W (HDD not included)	
Mechanical		
Weight	1.2kg / 2.65lb (HDD not included)	
Dimensions	384 x 199 x 33mm / 15.1" x 7.83" x 1.3"	