

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

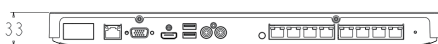
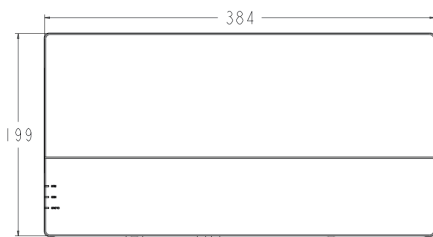
- Embedded Linux
- Low power consumption
- Supports Packet Loss Recovery (PLR)

Abundant functions and features

- Long term recording
- 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	9 channel	16 channel
IP Camera Input	8MP(4K), 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF	
Resolution	8MP(4K), 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF	
Compression	H.265 / H.264	
Protocols	Onvif, RTSP, KEDACOM	
Incoming Bandwidth	45Mbps	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 Multiple Layouts	
E-Map Function	Live Viewing in E-Map (V Station) E-PTZ / Scheme (V Station) / Virtual channel	
Recording		
Resolution	8MP(4K), 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF	
Mode	Manual / Continuous / Schedule / Event (Pre / Post) / Long term recording	
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	
Playback (Local Monitor)	1 x 4K@30fps / 4 x 1080p@30fps / 9 x 720p@30fps	
Playback (Client)	up to 16 x 4K@30fps	
Synchronize Playback (Local Monitor)	4 x 1080p@30fps	
Synchronize Playback (Client)	up to 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 Device disconnected / No disk / Disk error / IP Address conflict /	
System Alarm Triggers	Network disconnected / Low speed / Insufficient recording space / MAC address conflict / Insufficient snapshot space Snapshot / Recording / PTZ preset / Buzzer / Email / Link to Client /	
Alarm Events	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, SMTP, VSIP, UPNP, SMTP, IPv4, IPv6 (optional)	
Viewer Software	CMS (V 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 Supported	
Network Test		
Interfaces		
Ethernet	1 x 10/100M, RJ45 interface	1 x Gigabite network port, RJ45 interface
PoE	8 x 10/100M PoE port, RJ45 interface, 15W / each port	
Video Out	1 x HDMI (up to 3840 x 2160@60Hz) 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"	