

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

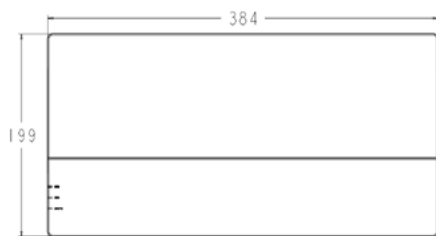
- Embedded Linux
- Low power consumption
- Supports Packet Loss Recovery (PLR)

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		
IP Camera Input	9 channel	16 channel
Resolution	8MP(4K), 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA,	
Compression	D1, CIF, QCIF	
Protocols	H.265 / H.264	
Incoming Bandwidth	Onvif, RTSP, KEDACOM	
Live Viewing	45Mbps	80Mbps
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:	
E-Map Function	1 ~ 64 Multiple Layouts	
Recording	Live Viewing in E-Map (V Station)	
Resolution	E-PTZ / Scheme (V Station) / Virtual channel	
Mode	8MP(4K), 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA,	
Event Trigger	D1, CIF, QCIF	
Tag	Manual / Continuous / Schedule / Event (Pre / Post) / Long term recording	
Search & Playback	Supported	
Search Mode	Supported	
Resolution	Date and time (Calendar) / Event	
Playback (Local Monitor)	8MP(4K), 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA,	
Synchronize Playback (Local Monitor)	D1, CIF, QCIF	
Function	1 x 4K@30fps / 4 x 1080p@30fps / 9 x 720p@30fps	
Storage	up to 16 x 4K@30fps	
Max. Internal HDDs	4 x 1080p@30fps	
Audio	up to 16 x 4K@30fps	
Alarm	Slow forward / Fast forward / Loop / Single frame / E-PTZ	
Service Alarm Triggers	1 x 3.5" HDD	
System Alarm Triggers	Max. 8TB (up to 8TB/each)	
Alarm Events	Audio	
Network Protocols	G.711a / G.711u / ADPCM / G.722 / G.722.1c	
Viewer Software	32kbps ~ 64kbps	
Max. User Access	Bi-directional audio / Dumb / Mute / Broadcasting	
Output Bandwidth	Alarm	
Function	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	
Network Test	Device disconnected / No disk / Disk error / IP Address conflict /	
Interfaces	System Alarm Triggers	
Ethernet	Network disconnected / Low speed / Insufficient recording space / MAC address conflict / Insufficient snapshot space	
PoE	Snapshot / Recording / PTZ preset / Buzzer / Email / Link to Client /	
Video Out	Alarm caption / Live view in first window / Link to TV Wall / Link to secondary screen / Full screen viewing	
Audio In / Out	System	
Alarm In / Out	Operating System	Embedded Linux
Control	User Management	Admin / User
USB	Log Management	User login / User operation / Alarm / Backup / Update
Environmental	Application Programming	V Station SDK
Operating Temperature	Network	
Operating Humidity	Network Protocols	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, SNMP, VSIP, UPNP, SMTp, IPv4, IPv6 (optional)
Electrical	Viewer Software	CMS (V Station) / Web / iOS app / Android app
Power	Max. User Access	16 Users
Power Consumption	Output Bandwidth	64Mbps
Mechanical	Function	NAT / Multiple network access / Packet loss recovery / Auto network organizing
Weight	Network Test	Supported
Dimensions	Interfaces	
	Ethernet	1 x 10/100M, RJ45 interface
	PoE	1 x Gigabit network port, RJ45 interface
	Video Out	8 x 10/100M PoE port, RJ45 interface, 15W / each port
	Audio In / Out	1 x HDMI (up to 3840 x 2160@60Hz)
	Alarm In / Out	1 x VGA (up to 1920 x 1080@60Hz)
	Control	1 x RCA Line in / 1 x RCA Line out
	USB	4 x Inputs / 2 x Outputs
	Environmental	1 x RS485
	Operating Temperature	2 x USB 2.0
	Operating Humidity	
	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"