

# NVR2882-16A

## 16 Bay RAID Professional Network Video Recorder



### Features

#### High-performance, High-capacity

- H.265 supported
- 4 x 4K@30fps / 16 x 1080p@30fps video decoding capability
- Up to 64 channel
- Up to 320Mbps incoming bandwidth
- 256Mbps output bandwidth
- 64 user access simultaneously
- Max. 16 HDDs up to 96TB storage
- e-SATA storage supported

#### Easy to install

- Automatic network organizing
- Built-in DHCP server

#### High reliability

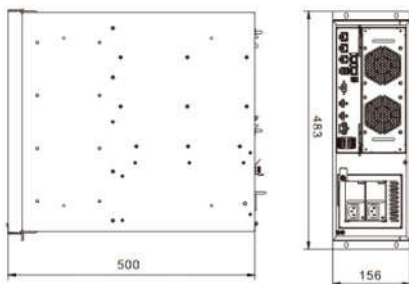
- Embedded Linux
- RAID 0/1/5/6/10/X
- Supports Automatic Network Replenishment (ANR)
- Supports Packet Loss Recovery (PLR)
- N+1 Hot Backup

#### Abundant functions and features

- HDMI/VGA simultaneously output different content
- E-Map, TV-Wall supported
- Bi-directional audio, Broadcasting
- NAT, Socks5
- Alarm management
- Free CMS (NVR 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



### Specification

	NVR2882-16016A	NVR2882-16032A	NVR2882-16064A
<b>Video/Audio Input</b>	16 channel	32 channel	64 channel
IP Camera Input	16 channel	32 channel	64 channel
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		
Bit rate	64kbps ~ 16384kbps		
Incoming Bandwidth	160Mbps	320Mbps	320Mbps
<b>Live Viewing</b>			
Local Display	1 x HDMI, 1 x VGA, simultaneously output different content		
Multi Screen Display Local monitor (Main / Secondary):	1, 3, 4, 9, 15, 16, 1+4, 1+8, 1+9, 1+15, 1/1, 2/1, 4/1, 9/1, 15/1, 16/1, 1+4/1, 1+8/1, 1+9/1, 1+15/1, 4/9, 9/4, 9/9	1, 3, 4, 9, 15, 16, 25, 36, 1+4, 1+8, 1+9, 1+15, 1/1, 2/1, 4/1, 9/1, 15/1, 16/1, 1+4/1, 1+8/1, 1+9/1, 1+15/1, 4/9, 9/4, 9/9, 16/16	1, 3, 4, 9, 15, 16, 25, 36, 48, 64, 1+4, 1+8, 1+9, 1+15, 1/1, 2/1, 4/1, 9/1, 15/1, 16/1, 36/1, 48/1, 64/1, 1+4/1, 1+8/1, 1+9/1, 1+15/1, 4/9, 9/4, 9/9, 16/16
Multi Screen Display Client	up to 4 screens simultaneously: 1, 3, 4, 9, 12, 16, 20, 25, 30, 36, 42, 49, 56, 63, 64 1+5, 1+7, 1+8, 1+9, 1+11, 1+12, 1+13, 1+15, 1+16, 1+33, 1+47, 1+48		
E-Map Function	Live Viewing in E-Map (NVR Station) E-PTZ / Scheme / Polling / TV-Wall (optional with decoder) / Virtual channel		
<b>Recording</b>			
Resolution	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		
Reliability	Automatic Network Replenishment (ANR)		
<b>Search &amp; Playback</b>			
Search Mode	Date and time (Calendar) / Event		
Resolution	Max. 96TB (up to 6TB/each) 8MP(4K), 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF		
Playback (Local Monitor)	4 x 4K@30fps / 16 x 1080p@30fps		
Playback (Client)	up to 16 x 4K@30fps		
Synchronize Playback (Local Monitor)	4 x 4K@30fps / 16 x 1080p@30fps		
Synchronize Playback (Client)	4 x 4K@30fps		
Function	Slow forward / Fast forward / Loop / Single frame / E-PTZ / Slice playback		
<b>Storage</b>			
Max. Internal HDDs	16x 3.5" HDD		
RAID	RAID 0/1/5/6/10		
External	IP SAN (iSCSI), up to 10 x IP SAN, Max. 100T (optional) e-SATA		
Function	Disk group / Quota / Disk dormancy		
<b>Audio</b>			
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		
<b>Alarm</b>			
Service Alarm Triggers	Alarm input / Video lost / Motion detection / Tampering / Guard line / Defocus / Sence 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 spac		
Alarm Events	Snapshot / Recording / PTZ preset / Buzzer / Email / Link to Client / Alarm caption / Live view in first window / Link to TV all / Link to secondary screen / Full screen viewing		
<b>System</b>			
Operating System	Embedded Linux		
User Management	Admin / User		
Log Management	User login / User operation / Alarm / Backup / Update		
Application Programming	NVR Station SDK		
<b>Network</b>			
Network Protocols	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, SMTP, VSIP, UPNP, SMTP, IPv4, IPv6 (optional)		
Viewer Software	CMS (NVR Station) / Web / iOS app / Android app		
Max. User Access	64 Users		
Output Bandwidth	256Mbps		
Function	NAT / Socks5 / Multiple network access / Packet loss recovery / Auto network organizing		
Network Test	Supported		
Hot Backup	N+1		
<b>Interfaces</b>			
Ethernet	2 x Gigabit network port, RJ45 interface		
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	2 x Inputs / 2 x Outputs		
Control	2 x RS485		
USB	2 x USB2.0, 1 x USB3.0		
e-SATA	1 x e-SATA		
<b>Environmental</b>			
Operating Temperature	-10°C ~ 55°C / 14°F ~ 131°F		
Operating Humidity	10% ~ 85%		
<b>Electrical</b>			
Power	100 ~ 240V AC, 50 ~ 60Hz		
Power Consumption	Max. 50W (HDD not included)		
<b>Mechanical</b>			
Weight	20kg / 44lb (HDD not included)		
Dimensions	483 x 500 x 156mm / 19.02" x 19.69" x 6.14"		