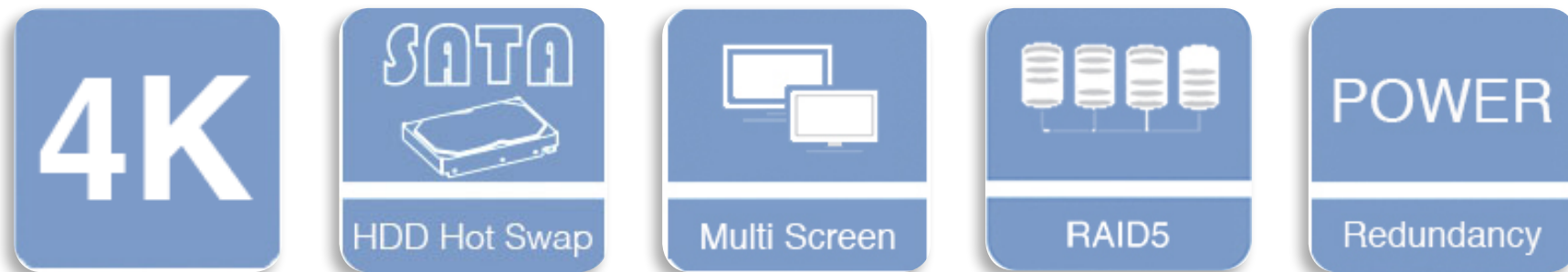


NVR2881-HD

16-bay RAID Professional Network Video Recorder

KEDACOM



Features

High-performance, High-capacity

- 16 x 1080p@30fps video decoding capability
- Up to 4K video supported
- Up to 128 channel
- Up to 512Mbps incoming bandwidth
- 512Mbps output bandwidth
- 64 user access simultaneously
- Max. 16 HDDs up to 96TB storage
- IP SAN storage supported

Easy to install

- Automatic network organizing
- Built-in DHCP server

High reliability

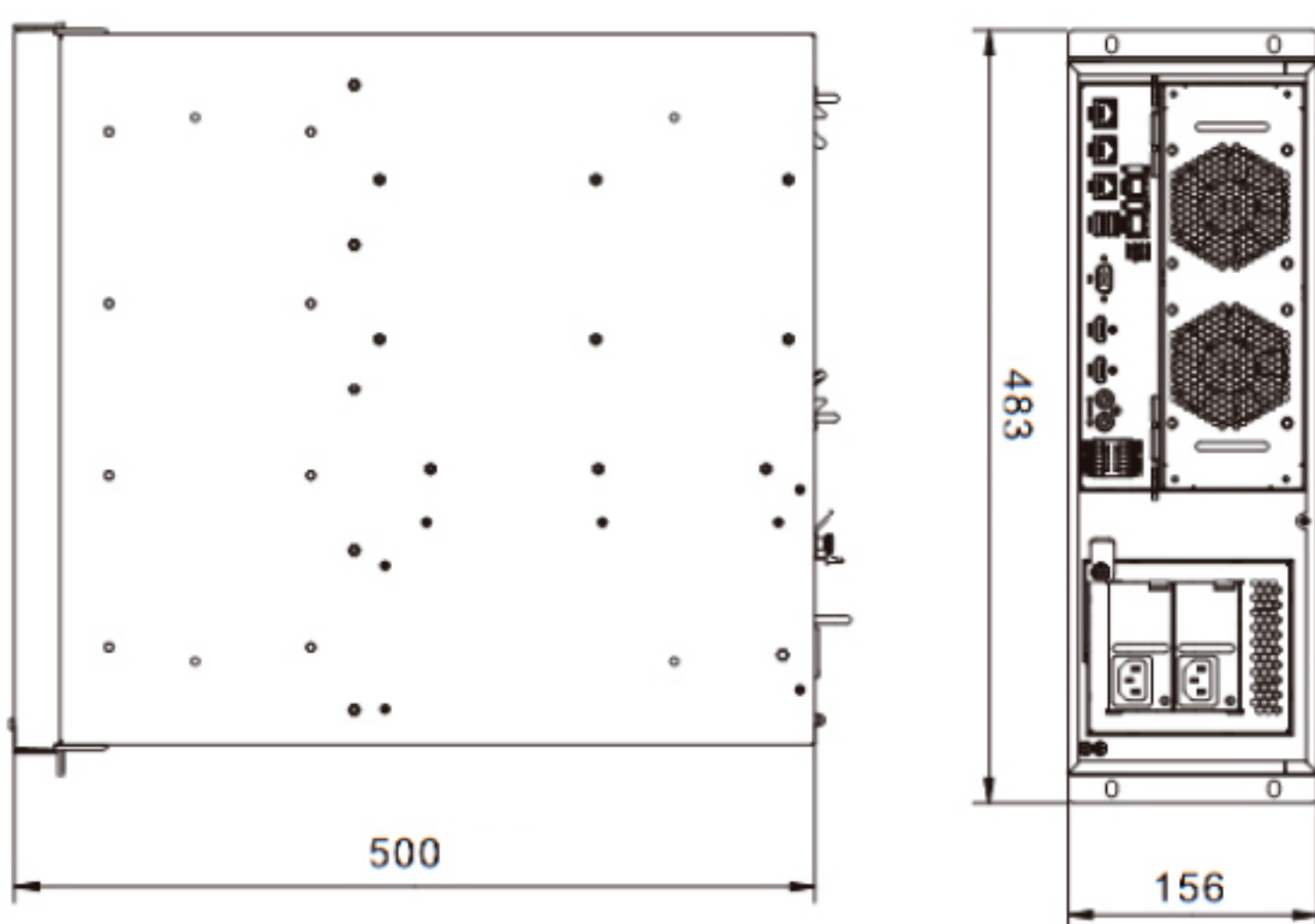
- Embedded Linux
- RAID 0/1/5/6/10
- Redundant Power Supply (optional)
- Supports Automatic Network Replenishment (ANR)
- Supports Packet Loss Recovery (PLR)
- N+1 Hot Backup

Abundant functions and features

- 3 video output 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

Unit: mm



Specifications

Model	NVR2881-32HD	NVR2881-64HD	NVR2881-128HD
Video/Audio Input			
IP Camera Input	32 channel	64 channel	128 channel
Resolution	8MP(4K), 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF		3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF
Compression	H.264		
Protocols	ONVIF, RTSP, KEDACOM		
Incoming Bandwidth	160Mbps	320Mbps	512Mbps
Live Viewing			
Local Display	2 x HDMI, 1 x VGA, simultaneously output different content		
Multi Screen Display Local monitor (Main / Secondary / Tertiary):	1/1/1, 4/1/1, 9/1/1, 15/1/1, 16/1/1, 24/1/1, 25/1/1, 35/1/1, 1+4/1/1, 1+8/1/1, 1+9/1/1, 1+15/1/1, 4/4/4, 9/9/9, 16/16/16	1/1/1, 4/1/1, 9/1/1, 15/1/1, 16/1/1, 24/1/1, 25/1/1, 35/1/1, 36/1/1, 48/1/1, 49/1/1, 63/1/1, 64/1/1, 1+4/1/1, 1+8/1/1, 1+9/1/1, 1+15/1/1, 4/4/4, 9/9/9, 16/16/16, 4/16/16, 16/24/24	1/1/1, 4/1/1, 9/1/1, 15/1/1, 16/1/1, 24/1/1, 25/1/1, 35/1/1, 36/1/1, 48/1/1, 49/1/1, 63/1/1, 64/1/1, 1+4/1/1, 1+8/1/1, 1+9/1/1, 1+15/1/1, 4/4/4, 9/9/9, 16/16/16, 4/16/16, 16/24/24, 35/48/48
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+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)		
Recording			
Resolution	8MP(4K), 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF		3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF
Mode	Manual / Continuous / Schedule / Event (Pre / Post)		
Event Trigger	Supported		
Tag	Supported		
Reliability	ANR		
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		3MP, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF
Playback (Local Monitor)	1 x 4K@30fps / 4 x 4MP@30fps / 16 x 1080p@30fps		4 x 3MP@30fps / 16 x 1080p@30fps
Playback (Client)	16 x 4K@30fps		16 x 3MP@30fps
Synchronize Playback (Local Monitor)	4 x 4MP@30fps / 16 x 1080p@30fps		4 x 3MP@30fps / 16 x 1080p@30fps
Synchronize Playback (Client)	4 x 4K@30fps		4 x 3MP@30fps
Function	Slow forward / Fast forward / Loop / Single frame / E-PTZ / Slice playback		
Storage			
Max. Internal HDDs	16 x 3.5" HDD		
RAID	Max. 96TB (up to 6TB/each) RAID 0/1/5/6/10		
External	IP SAN (iSCSI), up to 10 x IP SAN, Max. 100T		
Function	Disk group / Quota / Disk dormancy		
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 / Sence change / Enter guard area / Exit guard area / Object left / Object removal / Gathering / Audio surge		
System Alarm Triggers	Device disconnect/ No disk / Disk error / IP Address conflict / Network disconnect / 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	NVR Station SDK		
Network			
Network Protocols	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, SNMP, VSIP, UPNP, SMTP, IPv4, IPv6 (optional)		
Viewer Software	CMS (NVR Station) / Web / iOS app / Android app		
Max. User Access	64 Users		
Output Bandwidth	512Mbps		
Function	NAT / Socks5 / Multiple network access / Packet loss recovery / Automatic network organizing		
Network Test	Supported		
Hot Backup	N+1		
Interfaces			
Ethernet	3 x Gigabit network port, RJ45 interface		
Video Out	2 x HDMI (1 HDMI up to 4K x 2k, 1 HDMI up to 1920 x 1080@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 USB 2.0, 2 x USB 3.0		
Environmental			
Operating Temperature	-10°C ~ 55°C / 14°F ~ 131°F		
Operating Humidity	10% ~ 85%		
Electrical			
Power	100 ~ 240V AC, 50 ~ 60Hz Redundant Power Supply (the second power is option)		
Power Consumption	Max. 150W (HDD not included)		
Mechanical			
Weight	20kg / 44lb (HDD not included)		
Dimensions	483 x 500 x 156mm / 19.02" x 19.69" x 6.14"		

IR BULLET CAMERA
 BOX CAMERA
 SEMI DOME CAMERA
 SPEED DOME CAMERA
 IR SPEED DOME CAMERA
 PTZ CAMERA
 TRACKING SYSTEM
 NETWORK VIDEO RECORDER
 VIDEO MANAGEMENT SYSTEM
 IP SAN
 ENCODER & DECODER
 MOBILE SOLUTIONS