

8 HDD RAID0/1/5/6/10 Enterprise Embedded Linux NVR



Features:

- **High-performance, High-capacity**

Up to 16/32/48/64 channel 1080P input and 3MP supported

16 x 1080p@30fps video decoding capability

Up to 320Mbps incoming bandwidth

320Mbps output bandwidth

64 user access simultaneously

Max. 8 HDDs hot swappable, up to 32TB storage

IP SAN and e-SATA storage supported

- **High reliability**

Embedded Linux

RAID 0/1/5/6/10

Support Automatic Network Replenishment (ANR)

Support Packet Loss Recovery (PLR)

- **Easy to install**

Auto network organizing

Built-in DHCP server

- **Abundant functions and features**

HDMI/VGA dual display simultaneously output different content

Support E-Map, TV-Wall

Bi-directional audio, Broadcasting

NAT, Socks5

Alarm management

Free CMS (NVR Station), support 128 NVR simultaneously management

CMS support 6 screens simultaneously (4 x Live viewing, 1 x E-Map, 1 x TV-Wall)

Specification:

	SNK0816RD	SNK0832RD	SNK0848RD	SNK0864RD
Video/Audio Input				
IP Camera Input	16 channel	32 channel	48 channel	64 channel
Resolution	QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF			
Compression Format	H.264			
Protocols	Onvif, RTSP, SDK			
Incoming Bandwidth	80Mbps	160Mbps	240Mbps	320Mbps
Live Viewing				
Local Display	1 x HDMI, 1 x VGA, simultaneously output different content			
Multi-Screen Display Local monitor (Main / Secondary):	1/1, 4/1, 9/1, 15/1, 16/1, 24/1, 1+4/1, 1+8/1, 1+9/1, 1+15/1, 4/9, 9/4, 9/9, 16/16		1/1, 4/1, 9/1, 15/1, 16/1, 24/1, 25/1, 35/1, 36/1 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+15, 1+16, 1+33, 1+47, 1+48			
E-Map	Live Viewing in E-Map (NVR Station)			
Function	E-PTZ / Scheme / Polling / TV-Wall (optional with decoder)			
Recording				
Resolution	QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF			
Mode	Manual / Continuous / Schedule / Event (Pre / Post)			
Event Trigger	Alarm input / Video lost / Motion Detection			
Tag	Supported			
Reliability	Automatic Network Replenishment (ANR)			
Search & Playback				
Search Mode	Date & Time (Calendar) / Event			
Resolution	QXGA, 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF			

Playback	Local monitor: 16 x 1080p@30fps
	Client: 8 x 1080p@30fps
Synchronize Playback	Local monitor: 16 x 1080p@30fps
	Client: 4 x 1080p@30fps
Function	Slow forward / Fast forward / Loop / Single Frame / E-PTZ
Storage	
Max. Internal HDDs	8 x 3.5" HDD
	Max. 32TB (up to 4TB/each)
RAID	RAID 0/1/5/6/10
External	IP SAN (iSCSI), up to 10 x IP SAN, Max. 100T, Max. write speed 128Mbps
	e-SATA
Function	Disk group / Quota
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	
Alarm Triggers	Alarm input / Video lost / Motion Detection / System alarm
Alarm Events	Snapshot / Recording / PTZ preset / Alarm out / Buzzer / Email / Link to Client / Alarm caption
System	
Operation System	Embedded Linux
User Management	Admin / User
Log Management	User login / User operation / Alarm / Backup / Update
Application Programming	NVR Station SDK
Network	
Network Protocol	TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, SNMP, VSIP
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
Interfaces	
Ethernet	2 x Gigabit network port, RJ45 interface
Video Out	1 x HMDI (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	4 x USB 2.0
e-SATA	1 x e-SATA
Environmental	
Operating Temperature	-10°C ~ 55°C / 14°F ~ 131°F
Operating Humidity	10% ~ 85%
Electrical	
Power	100 ~ 240V AC, 50 ~ 60Hz
Power Consumption	Max. 65W (HDD not included)
Mechanical	
Weight	12.5Kg / 27.5lb (HDD not included)
Dimensions	430 x 561 x 88mm / 16.93" x 22.09" x 3.46"