

Network Video Recorder

NR-E16-64/128ER



*Images shown are for illustration purposes only and may not be an exact representation of the product.

FEATURES

- Support Advance H.265, H.265, H.264 video formats
- 64/128-channel input
- Support 2-ch HDMI, 2-ch VGA, HDMI1 at up to 8K(7680x4320) resolution, HDMI2 at up to 4K(3840x2160) resolution
- VGA1 and HDMI1 simultaneous output, VGA2 and HDMI2 simultaneous output. VGA1/HDMI1 and VGA2/HDMI2 independent output
- Up to 32 Megapixels resolution recording
- Support N+1 Hot spare
- Support HDD hot swap with RAID 0, 1, 5, 6, 10, 50, 60 storage scheme configurable
- Support 12V power output
- Redundant power supply optional
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

TECHNICAL SPECIFICATIONS

DECODING

Decoding Format	Advance H.265, H.265, H.264	
Decoding Capability	2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 12 x 5MP@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30, 54 x 960P@30, 64 x 720P@30	2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 12 x 5MP@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30, 54 x 960P@30, 64 x 720P@30, 128 x D1
Audio Compression	G.711A, G.711U	

NETWORK

Incoming Bandwidth	640Mbps
Outgoing Bandwidth	640Mbps
Remote Users	128
Protocols	TCP/IP;P2P;UPnP;NTP;DHCP;PPPoE;HTTP;HTTPS;DNS;DDNS;SNMP;SMTP;NFS;RT SP;802.1x;IPV6
Browser(Plugin)	IE(IE10/11)for Windows, Firefox(version 52.0 and above)for Windows, Chrome(version 45 and above)for Windows, Edge(version 79 and above)for Windows

VIDEO / AUDIO INPUT

RCA Audio Input	1-ch	
IP Video Input	64-ch	128-ch

VIDEO / AUDIO OUTPUT

HDMI Output	HDMI1:8K(7680x4320)/60Hz, 4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI2:4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	VGA1/VGA2:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
RCA Audio Output	2-ch
Liveview Display	1/4/6/8/9/16/25/36/64
Corridor Mode Screen	3/4/5/7/9/10/12/16/32

Two - way Audio

Two-way Audio	1-ch,RCA(Using the audio input and output)
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SNAPSHOT

FTP/Schedule/Event Snapshot	16-ch snapshot, up to 1080P resolution
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RECORDING

Recording Resolution 32MP/16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2 CIF/CIF

Synchronous Playback in Local 16-ch

SMART

VCA Detection by IPC Face Detection;Vehicle Detection;SIP(Intrusion Detection, Cross Line Detection, Enter Area, Leave Area);Smart Motion Detection(SMD);Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection);People Counting(People Flow Counting, Crowd Density Monitoring);Video Metadata;Traffic Monitoring

VCA Search Motor Vehicle Search;Non-Motor Vehicle Search;Human Body Search;General Search;People Counting Report;Heat Map

Smart by IPC All channels (up to 32 images/s in total)Face Detection, Vehicle Detection, Temperature Detection, SIP, SMD, Video Metadata, Traffic Monitoring

ALARM

General Alarm Defocus Detection;Scene Change Detection;Object Left Behind;Object Removed;Auto Tracking;Motion Detection;Tampering;Human Body Detection;Video Loss;Alarm Input;Audio Detection

Alert Alarm IP Conflict;Network Disconnected;Disk Offline;Disk Abnormal;Illegal Access;Hard Disk Space Low;Hard Disk Full;Recording/Snapshot Abnormal

GUI LANGUAGE

GUI Language 38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian

HARD DISK

SATA	16 SATA Interfaces
Capacity	Up to 16TB for each HDD(The maximum HDD capacity varies with environment temperature)
Disk Group	Support
Redundant Storage	Support
Disk Array Type	RAID 0, 1, 5, 6, 10
Hot Swap	Support

EXTERNAL INTERFACE

Network Interface	2 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface
USB	Front panel: 2 × USB2.0, Rear panel: 2 × USB3.0
RS485	1
RS232	1
Alarm In	16-ch
Alarm Out	10-ch
eSATA	1
Power Supply	AC 100 to 240 V
Power Output	12 V
Power Switch	Support
Redundant Power Supply	Support

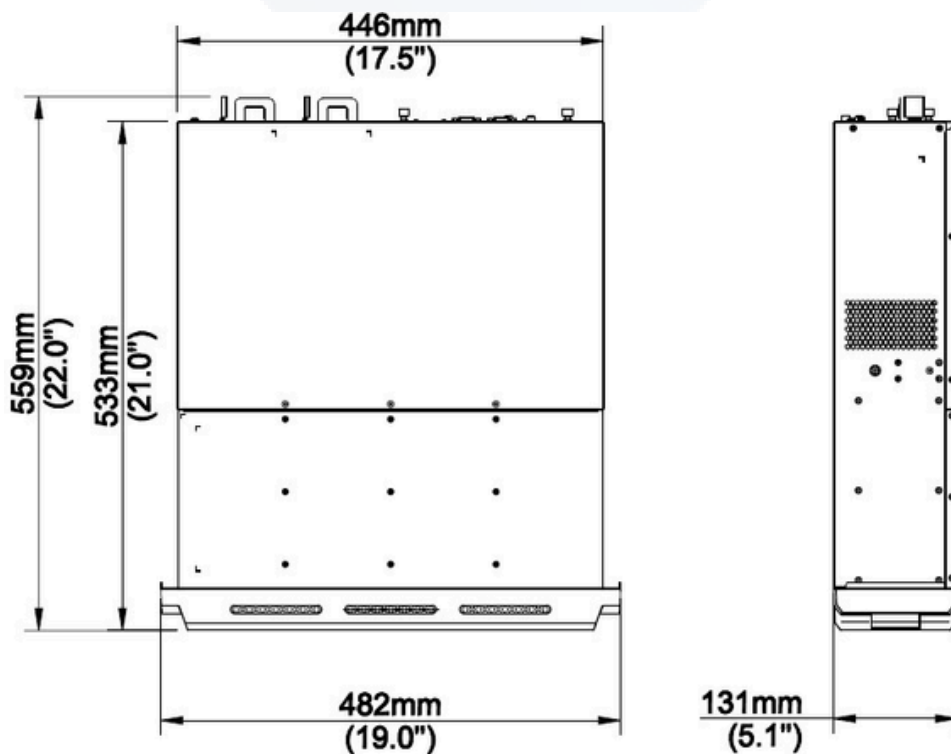
WORKING ENVIRONMENT

Working Temperature	-10 °C ~ 55 °C (14 °F ~ 131 °F)
Working Humidity	≤ 90% RH (non condensing)
Power Consumption (without HDD)	≤ 50W

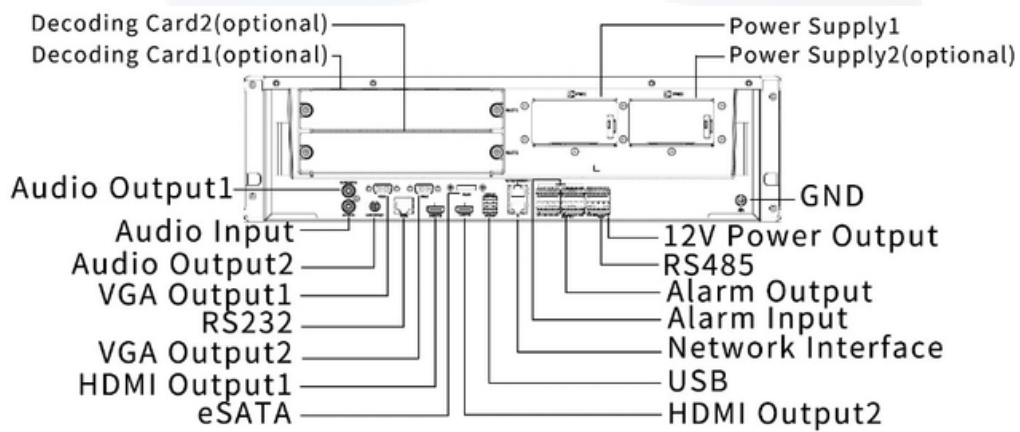
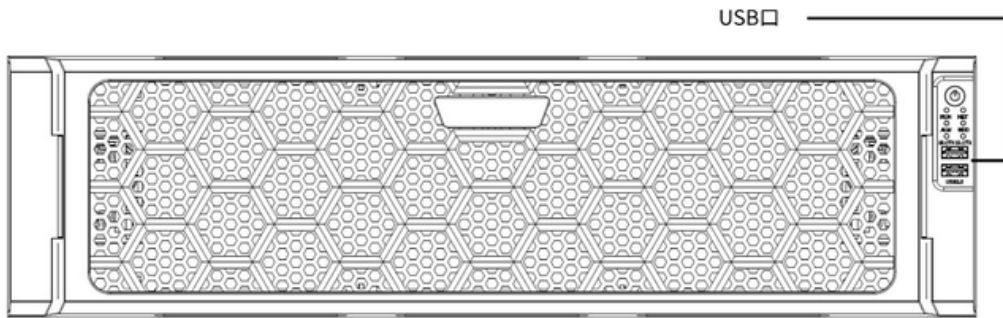
DIMENSIONS

Weight (without HDD)	≤ 6.5Kg (14.3lb)
Height	3U
Dimensions	482mm × 533mm × 131mm (19.0"×21.0"×5.1")

DIMENSIONS



REAR PANEL



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