

Network Video Recorder

NR-E2-9/16/32BIA



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

FEATURES

- Supports Advance H.265, H.265, H.264 video formats
- 9/16/32-channel input
- Supports mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- Support 1-ch HDMI, 1-ch VGA. HDMI up to 4K (3840x2160) resolution
- Support HDMI and VGA simultaneous output
- Up to 16 Megapixels resolution recording
- 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	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4x4K@30, 8 x 4MP@30, 9 x 3MP@30, 9 x 1080P@30	Smart Off : 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 10x3MP@30, 16 x1080P@30	Smart Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30, 32 x 720P@30
	Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 x 3MP@30, 9 x 1080P@30	Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 x 3MP@30, 12 x 1080P@30, 16 x 720P@30	Smart On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 x 3MP@30, 12 x 1080P@30, 24 x 720P@30, 32 x D1

Audio Compression G.711A, G.711U

Decoding Capability Description The resolution of each channel cannot exceed 8192 pixels in length and 4096 pixels in width, For VGA/HDMI independent output, the VGA live video is output by default. To output the highest resolution video from the HDMI port, please clear the VGA video on the preview page.

NETWORK

Incoming Bandwidth Smart Off: 320Mbps
Smart On: 160Mbps

Outgoing Bandwidth 160Mbps

Remote Users 128

Protocols TCP/IP, P2P, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS, RTSP, IPv6, IPv4

Browser(Plugin) IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+

VIDEO / AUDIO INPUT

IP Video Input	09-ch	16-ch	32-ch
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RCA Audio Input 1-ch

Peripheral Input

Ip Speaker 16-ch

POS All channels

VIDEO / AUDIO OUTPUT

HDMI Output 4K(3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz

VGA Output 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz

RCA Audio Output 1-ch

Liveview Display	1/4/6/8/9	1/4/6/8/9/16	1/4/6/8/9/16/25/32
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Corridor Mode Screen	3/4/5/7/9	3/4/5/7/9/10/12/16	3/4/5/7/9/10/12/16/32
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Two - way Audio

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

SNAPSHOT

FTP/Schedule/Event Snapshot 4-ch snapshot (max. 8 MP (3840 × 2160) video resolution, with 1080P snapshot resolution)

RECORDING

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

Synchronous Playback in Local	09-ch	16-ch	16-ch
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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, Array Damaged, Array Degraded

SMART

Smart by IPC	All channels (up to 8 images/s in total) Face Detection, Vehicle Detection (LPR), Temperature Detection, SIP, SMD, Video Metadata, Traffic Monitoring
Smart by NVR	Face Detection, Smart Intrusion Prevention (SIP), Smart Motion Detection (SMD)
Smart by NVR Analyzer Mode	Single Mode (), Single Mode (SIP), Single Mode (SMD), Single Mode (AcuSearch/AcuTrack), Modes cannot active simultaneously, only one mode can active at a time.
VCA Search	AcuSearch, AcuTrack, , , Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map
AcuSearch	All channels with SIP/SMD Camera
AcuTrack	All channels with SIP/SMD Camera
by NVR	Up to 8-ch with Face Detection Camera, Up to 2-ch with normal camera (Third-part brand, 2-ch 2MP, 1-ch 4MP)
Search by Image	Support
Vehicle Picture Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total
SIP by NVR with normal cameras	Up to 4-ch with normal camera (UNV and Third-part brand, 4-ch 2MP, 2-ch 4MP, 1-ch 4K)
SMD by NVR with normal cameras	Up to 8-ch with normal camera (UNV and Third-part brand, 8-ch 2MP, 4-ch 4MP, 2-ch 4K)
Capacity of Snapshot Records	2 millions records for face snapshot, 2 millions records for vehicle snapshot, 3 millions records for SIP, 2 millions records for video Metadata

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
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HARD DISK

SATA	2 SATA Interfaces
Capacity	Up to 24 TB for each HDD (The maximum HDD capacity varies with environment temperature and hard disk size, The environment temperature for use should not exceed 40°C)
Disk Group	Support
Redundant Storage	Support
Disk Array Typ	RAID 1

EXTERNAL INTERFACE

Network Interface	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interface
USB	Front panel: 1 x USB2.0;Rear panel: 1 x USB2.0, 1 x USB3.0
RS485	1
RS232	N/A
Alarm In	8-ch
Alarm Out	2-ch
Power Switch	Support
Power Supply	DC 12V/3A

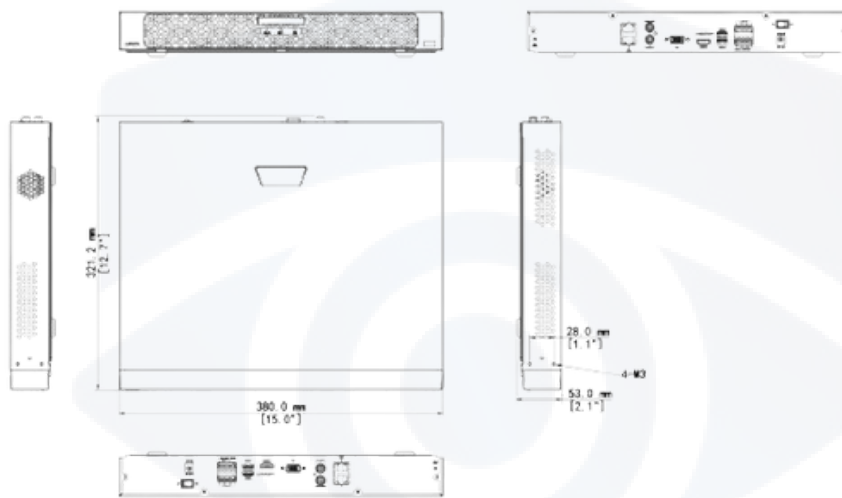
WORKING ENVIRONMENT

Working Temperature	-10 °C ~ 50 °C (+14 °F ~ 122 °F)
Working Humidity	≤ 90% RH (non condensing)
Power Consumption (without HDD)	≤ 12W

DIMENSIONS

Weight (without HDD)	≤ 2Kg (4.4lb)
Height	1U
Dimensions	380mm × 315mm × 53mm (15.0"×12.4"×2.1")

DIMENSIONS



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