

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 On: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 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 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 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, 12 x 1080P@30, 24 x 720P@30, 32 x D1
Audio Compression	G.711A, G.711U		

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
Browser(Plugin)	Windows:IE(IE10/11),Firefox (version 52.0 and above),Chrome(version 45 and above),Edge(version 79 and above)

VIDEO / AUDIO INPUT

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

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
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

Two - way Audio

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

FTP/Schedule/Event Snapshot	4-ch snapshot, up to 4K resolution
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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

SMART

VCA Detection by IPC	Vehicle Detection;SIP(Intrusion Detection,Cross Line Detection,Enter Area, Leave Area);Ultra Motion Detection(UMD);Temperature Detection(Fire Detection, Smoking Detection,Temperature Measurement,Smoke and Fire Detection);People Counting(People Flow Counting,Crowd Density Monitoring);Video Metadata;Traffic Monitoring
Smart by NVR	Smart Intrusion Prevention (SIP);Ultra Motion Detection(UMD)
VCA Search	Motor Vehicle Search;Non-Motor Vehicle Search;General Search;People Counting Report;Heat Map
Smart by IPC	All channels (up to 8 images/s in total) Vehicle Detection,Temperature Detection,SIP,UMD,Video Metadata,Traffic Monitoring
Vehicle Picture Library	Up to 5 vehicle picture libraries,with up to 25,000 vehicle pictures in total
SIP by NVR	4-ch
SMD by NVR	8-ch
Capacity of Snapshot Records	2 millions records for vehicle snapshot;3 millions records for SIP;2 millions records for video Metadata

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

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 16TB for each HDD(The maximum HDD capacity varies with environment temperature)
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

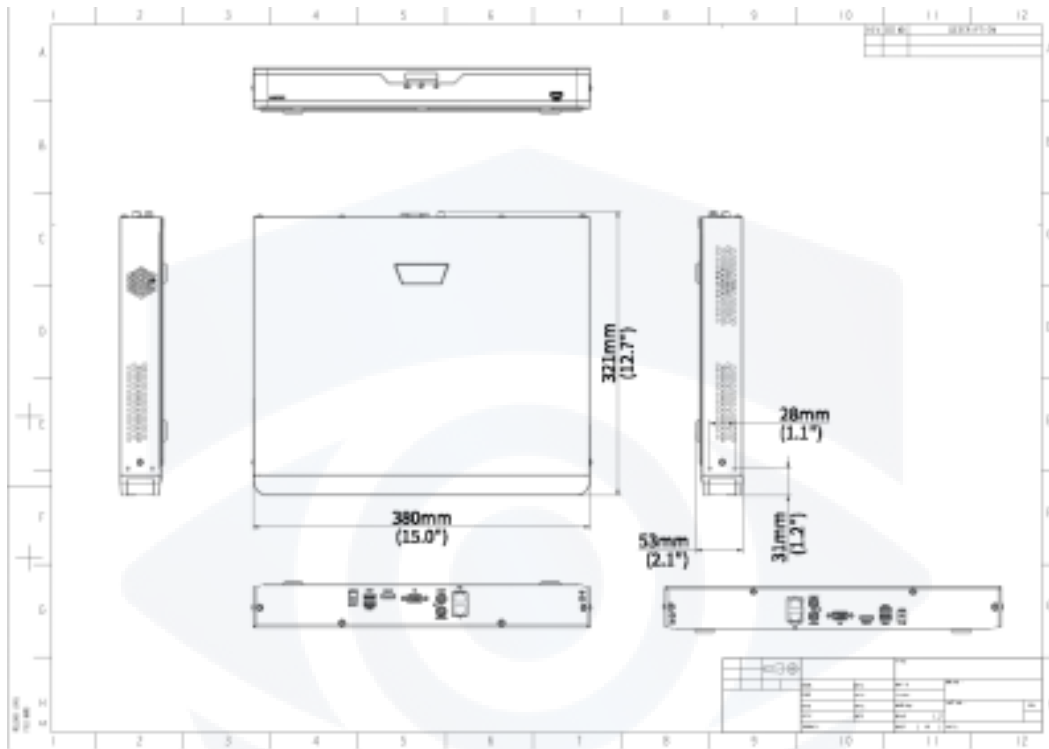
Working Temperature	-10 °C ~ 50 °C (+14 °F ~ 122 °F)
Working Humidity	≤ 90% RH (non condensing)
Power Consumption (without HDD)	≤ 12W

DIMENSIONS

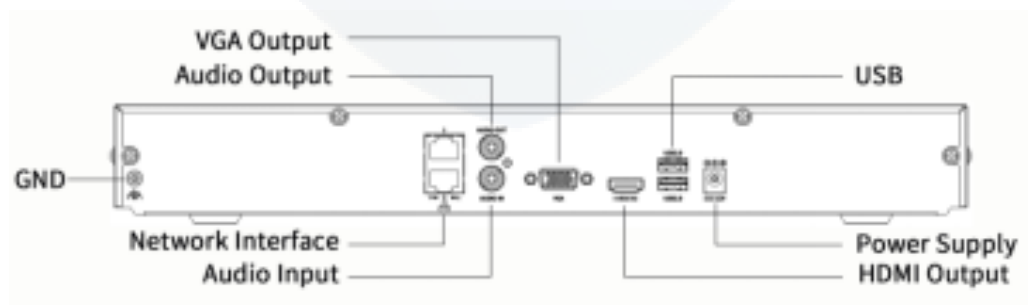
Weight (without HDD) ≤ 2Kg (4.4lb)

Dimensions 380mm × 315mm × 53mm (15.0"×12.4"×2.1")

DIMENSIONS



REAR PANEL



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