

# Network Video Recorder

## NR-E2-32E-IXG



\*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
- Support 32-channel input
- Support 2-ch HDMI, 2-ch VGA. HDMI up to 4K (3840x2160) resolution
- Support HDMI and VGA independent output
- Support up to 16 Megapixels resolution recording
- Support ANR technology to enhance the storage reliability when the network is disconnected
- Support SeekFree function: up to 16-ch with 3rd party IPC, up to 32-ch with SIP/SMD IPC
- Support external USB keyboards
- Support Video Metadata, Diverse Algorithms by NVR
- Support cloud upgrade

## TECHNICAL SPECIFICATIONS

### DECODING

Decoding Format	Advance H.265, H.265, H.264
Decoding Capability	Smart Off: 4 x 16MP@30, 8 x 4K@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30 Smart On: 2 x 16MP@30, 4 x 4K@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30, 32 x 720P@30
Audio Compression	G.711A, G.711U
Decoding Capability Description	The resolution of each channel cannot exceed 8192 pixels in length or width

### NETWORK

Incoming Bandwidth	192 Mbps
Outgoing Bandwidth	192 Mbps
Remote Users	128
Max Users Can Be Added	32
Protocols	TCP/IP, P2P, SMTP, RTSP, UPnP, NTP, DHCP, PPPoE, HTTP, DNS, DDNS, IPv6, IPv4, HTTPS
Browser(Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+
Browser (Plugin-Free)	Chrome 57+, Edge 16+, Firefox 58+, Safari 11+

## VIDEO / AUDIO INPUT

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

## PERIPHERAL INPUT

Ip Speaker	16-ch
POS	All channels

## VIDEO / AUDIO OUTPUT

Video Output	Support 2-ch HDMI, 2-ch VGA, HDMI1 and VGA1 simultaneous output, HDMI2 and VGA2 simultaneous output, HDMI1/VGA1 and HDMI2/VGA2 independent output
HDMI Output	4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
VGA Output	1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
HDMI Standard	HDMI2.0
RCA Audio Output	2-ch
Liveview Display	1/4/6/8/9/16/25/32
Default Num of Live Screen	32
Corridor Mode Screen	3/4/5/7/9/10/12/16/32
Playback Screen	1/4/9/16
Corridor Mode Screen of Playback	1/3

## Two - way Audio

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

## SNAPSHOT

FTP/Schedule/Event Snapshot      16-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      16-ch

Num of Concurrent Playback      32-ch

## ALARM

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

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 16 images/s in total) Face Detection, Vehicle Detection (LPR), Temperature Detection, SIP, SMD, Video Metadata, Traffic Monitoring

## SMART

Smart by NVR	Face Detection, Smart Intrusion Prevention (SIP), , Elevator Entrance Detection, Illegally Parked Motor Vehicle, Evacuation Route Obstruction, People Counting (People Flow Counting, Crowd Density Monitoring)
Smart by NVR Analyzer Mode	Mixed Mode (SIP++People Counting), Mixed Mode (+Mixed-Traffic Detection+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, SmartSearch+
AcuSearch	All channels with SIP/SMD Camera, Up to 16-ch with normal camera (Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
AcuTrack	All channels with SIP/SMD Camera, Up to 16-ch with normal camera (Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
SeekFree	All channels with SIP/SMD Camera, Up to 16-ch with normal camera (Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
SeekFree Language	English
by NVR	All channels with Face Detection Camera, Up to 16-ch with normal camera (Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
Search by Image	Support
SIP by NVR with normal cameras	Up to 16-ch with normal camera (Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
with normal cameras	Up to 16-ch with normal camera (Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
by NVR	No Helmet Detection, No Chef Hat Detection, No Work Clothes Detection, Smoking Detection, Smoke and Fire Detection, Calling Detection, No Mask Detection, Rat Detection, Long Stay Detection, Fall Detection, Fight Detection, Absence Detection, Climbing Detection, Sleep on Duty Detection, People Counting, Using Mobile Phone Detection, , People Dispersion, Quick Moving

## SMART

Video Metadata by NVR with normal cameras Up to 16-ch with normal camera (UNV and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)

Video Metadata by NVR  
 Motor Vehicle: Vehicle Type, Vehicle Color, Vehicle Brand, Direction, Plate Type, Plate Color, Human Body: Gender, Age, Mask, , Bag Style, Direction, Upper Garment Length, Lower Garment Length, Upper Garment Color, Lower Garment Color, Non-Motor Vehicle: Non-Motor Vehicle Type, Direction, Gender, Age, Upper Garment Length, Upper Garment Color

Vehicle Picture Library Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total

Capacity of Snapshot Records 2 millions records for face snapshot, 2 millions records for and SIP

## 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

## 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

## EXTERNAL INTERFACE

Network Interface	2 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface
Network Working Mode	Multi-access, load balance, network fault-tolerance
USB	Front panel: 1 × USB2.0, Rear panel: 2 × USB3.0
RS485	1
RS232	1
Alarm In	16-ch
Alarm Out	4-ch
Power Output	12 V
Buzzer	Support
Power Supply	DC 12 V/5 A

## WORKING ENVIRONMENT

Working Temperature	-10 °C ~ 55 °C (14 °F ~ 131 °F)
Working Humidity	≤ 90% RH (non condensing)
Power Consumption (without HDD)	≤ 25W
Heat Dissipation	Fan, Radiator

## DIMENSIONS

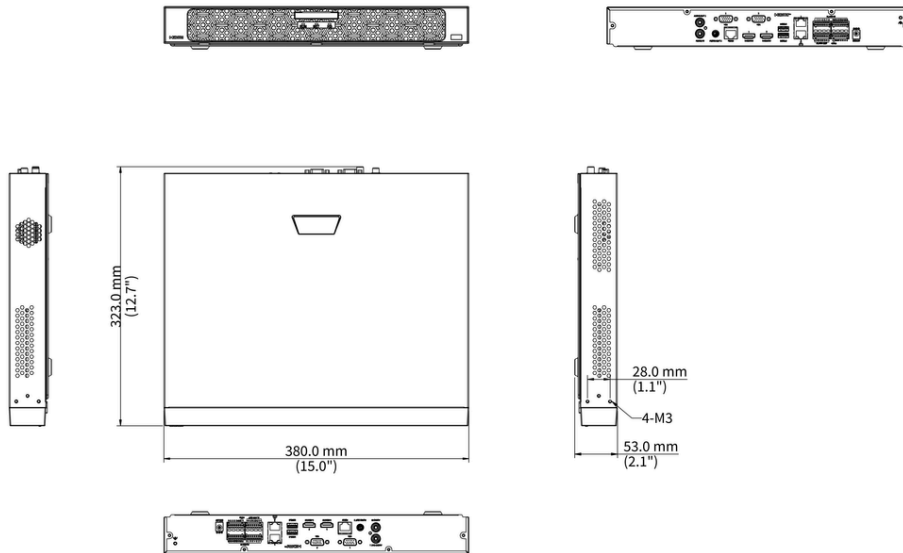
Weight (without HDD)	1.87 KG
Height	1U
Dimensions	380mm × 322.4mm × 53mm (15.0" × 12.7" × 2.1" )

## Feature Supported



Downlink ONVIF	Support (Profile S)
Uplink ONVIF	N/A
NAS	Support
Smart-code Basic Mode	Support
Smart-code Advanced Mode	Support

## Dimensions



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