

# Network Video Recorder

## NR-E8-16/32/64B0



\*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
- 16/32/64-channel input
- VGA and HDMI independent output (NR-E8-64B0 simultaneous output by default , independent output configurable)
- Up to 16 Megapixels resolution recording
- Support N+1 Hot spare
- 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             | Advance 265/H.265: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30<br>H.264: 2 x 16MP(4800*2688)@30, 2 x 12MP@30, 2 x 4K@30, 4 x 5MP@30, 6 x 4MP@30, 8 x 3MP@30, 14 x 1080P@30, 16 x 960P@30  | Advance 265/H.265: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30, 32 x 960P@25<br>H.264: 2 x 16MP(4800*2688)@30, 2 x 12MP@30, 2 x 4K@30, 4 x 5MP@30, 6 x 4MP@30, 8 x 3MP@30, 14 x 1080P@30, 28 x 960P@25, 30 x 720P@30, 32 x D1 | Advance 265/H.265: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30, 32 x 960P@25, 36 x 720P@30, 64 x D1<br>H.264: 2 x 16MP(4800*2688)@30, 2 x 12MP@30, 2 x 4K@30, 4 x 5MP@30, 6 x 4MP@30, 8 x 3MP@30, 14 x 1080P@30, 28 x 960P@25, 30 x 720P@30, 64 x D1 |
| 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. |   |  |
| Audio Compression               | G.711A, G.711U  |   |  |

### NETWORK

|                    |   |
|--------------------|---|
| Incoming Bandwidth | 320 Mbps  |
| Outgoing Bandwidth | 160 Mbps  |
| Remote Users       | 128   |
| Protocols          | TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, RTSP, 802.1x, IPv6, IPv4 |
| Browser(Plugin)    | IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+   |

## VIDEO / AUDIO INPUT

|                 |                    |                    |                    |
|-----------------|--------------------|--------------------|--------------------|
| IP Video Input  | 16-ch : NR-E8-16B0 | 32-ch : NR-E8-32B0 | 64-ch : NR-E8-64B0 |
| RCA Audio Input | 1-ch               |                    |                    |

## VIDEO / AUDIO OUTPUT

|                      |  |                       |  |
|----------------------|--|-----------------------|--|
| HDMI Output          | 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz |                       |  |
| VGA Output           | 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz                         |                       |  |
| RCA Audio Output     | 1-ch   |                       |  |
| Liveview Display     | 1/4/6/8/9/16   | 1/4/6/8/9/16/25/36    | Simultaneous Output:<br>VGA:1/4/6/8/9/16/25/36/64,HDMI:1/4/6/8/9/16/25/36/64,<br>Independent Output:<br>VGA:1/4/6/8/9/16/25/36/64, HDMI:<br>1/4/6/8/9/16/25/32 |
| Corridor Mode Screen | 3/4/5/7/9/10/12/16   | 3/4/5/7/9/10/12/16/32 | 3/4/5/7/9/10/12/16/32  |

## 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/3 MP/1080P/960P/720P/D1/2CIF/CIF

Synchronous Playback  
in Local 16-ch

## 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

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

## 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              | 8 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 Type   | RAID 1, 5  |

## EXTERNAL INTERFACE

|                   |   |
|-------------------|---|
| Network Interface | 2 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface |
| USB               | Front panel: 2 × USB2.0, Rear panel: 1 × USB3.0           |
| RS485             | 1   |
| RS232             | N/A   |
| Alarm In          | 16-ch   |
| Alarm Out         | 4-ch  |
| Power Supply      | AC 100 to 240 V   |
| Power Switch      | Support   |

## WORKING ENVIRONMENT

|                                    |                                 |
|------------------------------------|---------------------------------|
| Working Temperature                | -10 °C ~ 55 °C (14 °F ~ 131 °F) |
| Working Humidity                   | ≤ 90% RH (non condensing)       |
| Power Consumption<br>(without HDD) | ≤ 25W                           |

## DIMENSIONS

Weight (without HDD)

≤ 5.5Kg (12.13lb)

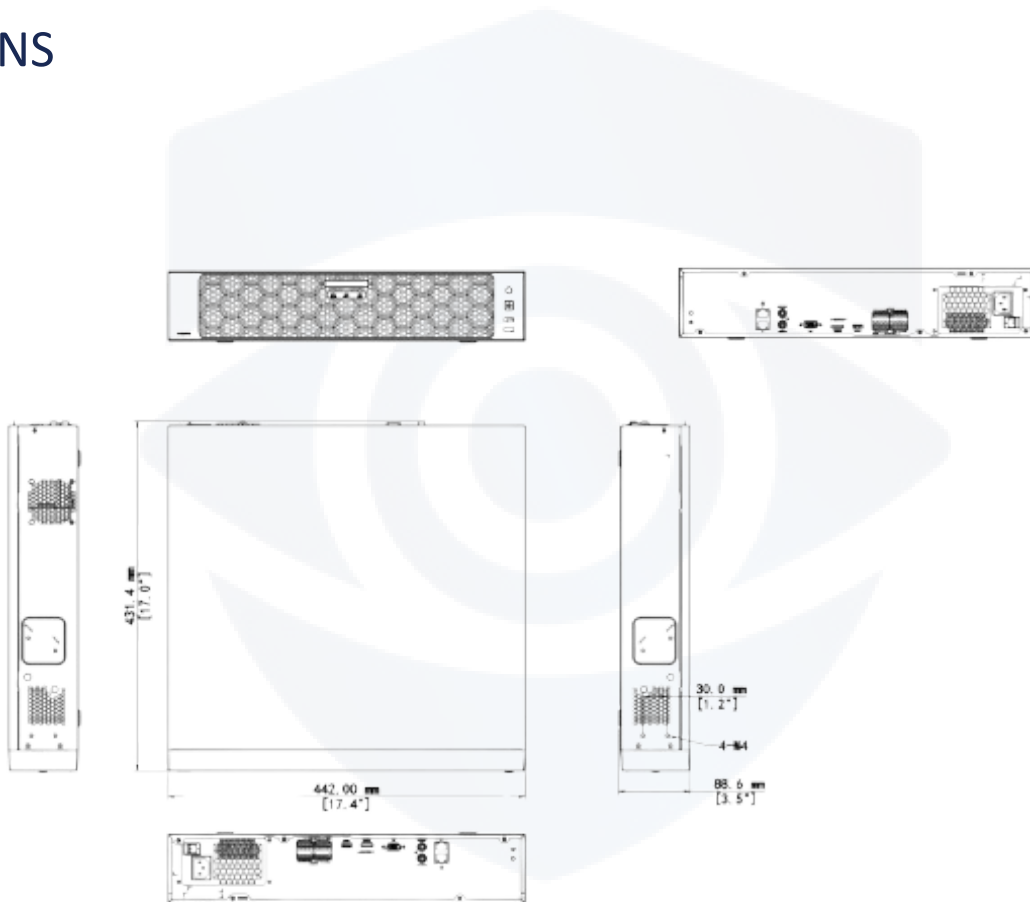
Dimensions

442mm × 431.4mm × 88.6mm  
(17.4"×17.0"×3.5")

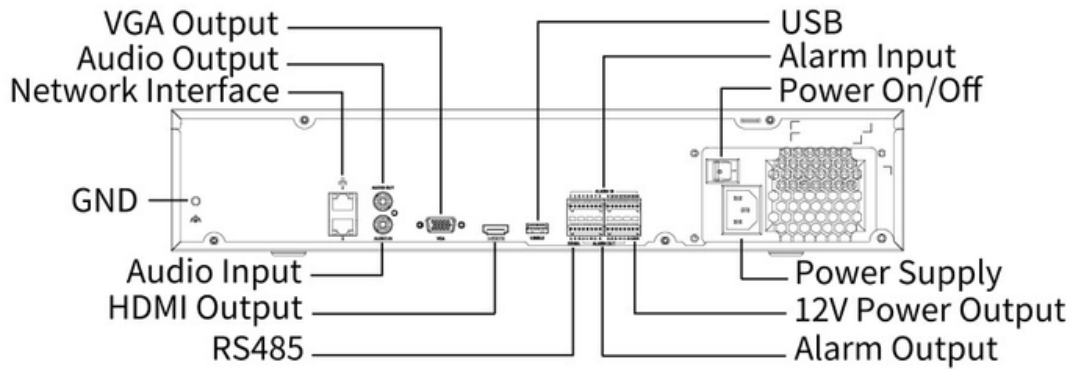
442mm × 426mm × 89mm  
(17.4"×16.8"×3.5")

442mm × 426mm × 89mm  
(17.4"×16.8"×3.5")

## DIMENSIONS



## REAR PANEL



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