

NVR308-32X

Video recorder NVR308-32X Network Video Recorder

- Support Ultra H.265/H.265/H.264 video formats
- Supports mainstream cameras of ONVIF conformance (Profile S, Profile G, Profile T) and RTSP protocols
- Support 2-ch HDMI, 1-ch VGA. HDMI1 and HDMI2 up to 4K (3840x2160) resolution
- HDMI1, HDMI2, VGA independent outputs provided
- Up to 12 Megapixels resolution recording
- Support RAID 0, 1, 5, 6, 10
- 8 SATA HDDs, Up to 10TB for each HDD
- Various fisheye dewarping modes for live view and playback for both web interface and GUI
- Support N+1 Hot spare
- Support for 12V Power output
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

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|--------------------|------------|
| Number of channels | 32 channel |
| Type               | NVR        |
| Megapixel          | 12 MP      |
| Max HDD count      | 2 HDD      |
| Max HDD capacity   | 10 TB      |



Detailed

|                    |                                                                                                                                                                                                                                                     |
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| Decoding           | Description                                                                                                                                                                                                                                         |
| DecodingFormat     | Ultra 265, H.265, H.264                                                                                                                                                                                                                             |
| DecodingCapability | NVR308-16X:2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 9 x 4MP@25,<br><br>16 x 1080P@30 NVR308-64X:2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 9 x 4MP@25, 16 x 1080P@30,<br><br>32 x 960P@25, 36 x 720P@30, 64 x D1 NVR308-32X:2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, |

|                    |                                                                                                                                                                                   |
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|                    | 9 x 4MP@25, 16 x 1080P@30, 32 x 960P@25                                                                                                                                           |
| AudioCompression   | G.711A, G.711U                                                                                                                                                                    |
| Network            | Description                                                                                                                                                                       |
| IncomingBandwidth  | 384Mbps                                                                                                                                                                           |
| OutgoingBandwidth  | 384Mbps                                                                                                                                                                           |
| RemoteUsers        | 128                                                                                                                                                                               |
| Protocols          | TCP/IP;P2P;UPnP;NTP;DHCP;PPPoE;HTTP;HTTPS;DNS;DDNS;SNMP;<br><br>SMTP;NFS;RTSP;802.1x;IPV6                                                                                         |
| Browser(Plugin)    | Windows:IE(IE10/11), Firefox (version 52.0 and above), Chrome(version 45 and above), Edge(version 79 and above)                                                                   |
| Video/AudioInput   | Description                                                                                                                                                                       |
| IPVideoInput       | NVR308-16X:16-ch NVR308-64X:64-ch NVR308-32X:32-ch                                                                                                                                |
| RCAAudioInput      | 1-ch                                                                                                                                                                              |
| Video/AudioOutput  | Description                                                                                                                                                                       |
| HDMIOutput         | HDMI1/HDMI2(HDMI audio output is not supported):4K (3840x2160)/30Hz,<br><br>1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz,<br><br>1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz |
| VGAOutput          | VGA:1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz,<br><br>1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz                                                                         |
| RCAAudioOutput     | 1-ch                                                                                                                                                                              |
| LiveviewDisplay    | NVR308-16X:1/4/6/8/9/16<br>NVR308-64X:VGA:1/4/6/8/9/16/25/36,<br>HDMI1/HDMI2:1/4/6/8/9/16/25/36/64<br>NVR308-32X:1/4/6/8/9/16/25/36                                               |
| CorridorModeScreen | NVR308-16X:3/4/5/7/9/10/12/16<br>NVR308-64X/NVR308-32X:3/4/5/7/9/10/12/16/32                                                                                                      |
| Two-wayAudio       | Description                                                                                                                                                                       |
| Two-wayAudio       | 1-ch, RCA(Using the audio input and output)                                                                                                                                       |

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| Snapshot                   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| FTP/Schedule/EventSnapshot | NVR308-16X:16-ch snapshot, up to 4K resolution<br>NVR308-64X:64-ch snapshot,<br><br>up to 4K resolution NVR308-32X:32-ch snapshot, up to 4K resolution                                                                                                                                                                                                                                                                                                                         |
| Recording                  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RecordingResolution        | 12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SynchronousPlaybackinLocal | 16-ch                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Smart                      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| VCADetectionbyIPC          | Face Detection;Vehicle Detection;SIP(Intrusion Detection, Cross Line Detection, Enter Area, Leave Area);<br><br>Ultra Motion Detection(UMD);Temperature Detection(Fire Detection, Smoking Detection,<br><br>Temperature Measurement, Smoke and Fire Detection);<br><br>People Counting(People Flow Counting, Crowd Density Monitoring);<br><br>Video Metadata;Traffic Monitoring                                                                                               |
| VCASearch                  | Motor Vehicle Search;Non-Motor Vehicle Search;Human Body Search;<br><br>General Search;People Counting Report                                                                                                                                                                                                                                                                                                                                                                  |
| SmartbyIPC                 | NVR308-16X:All channels (up to 8 images/s in total)Face Detection,<br><br>Vehicle Detection, Temperature Detection, SIP, UMD, Video Metadata,<br><br>Traffic Monitoring NVR308-64X:All channels (up to 24 images/s in total)Face Detection,<br><br>Vehicle Detection, Temperature Detection, SIP, UMD, Video Metadata,<br><br>Traffic Monitoring NVR308-32X:All channels (up to 16 images/s in total)Face Detection,<br><br>Vehicle Detection, SIP, UMD, Temperature Detection |
| Alarm                      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| GeneralAlarm               | Defocus Detection;Scene Change Detection;Object Left Behind;<br><br>Object Removed;Auto Tracking;Motion Detection;Tampering;<br><br>Human Body Detection;Video Loss;Alarm Input;Audio                                                                                                                                                                                                                                                                                          |

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|                    | Detection                                                                                                                                                                                                                                                                                                                                                                                                                 |
| AlertAlarm         | IP Conflict;Network Disconnected;Disk Offline;Disk Abnormal;<br><br>Illegal Access;Hard Disk Space Low;Hard Disk Full;Recording/Snapshot Abnormal                                                                                                                                                                                                                                                                         |
| GUILanguage        | Description                                                                                                                                                                                                                                                                                                                                                                                                               |
| GUILanguage        | 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 |
| HardDisk           | Description                                                                                                                                                                                                                                                                                                                                                                                                               |
| SATA               | 8 SATA Interfaces                                                                                                                                                                                                                                                                                                                                                                                                         |
| Capacity           | Up to 12TB for each HDD(The maximum HDD capacity varies with environment temperature)                                                                                                                                                                                                                                                                                                                                     |
| DiskArrayType      | RAID 0, 1, 5, 6, 10                                                                                                                                                                                                                                                                                                                                                                                                       |
| ExternalInterface  | Description                                                                                                                                                                                                                                                                                                                                                                                                               |
| NetworkInterface   | 2 RJ45 10M/100M/1000M self-adaptive Ethernet Interface                                                                                                                                                                                                                                                                                                                                                                    |
| USB                | Front panel: 2 x USB2.0;Rear panel: 1 x USB3.0                                                                                                                                                                                                                                                                                                                                                                            |
| RS485              | 1                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RS232              | 1                                                                                                                                                                                                                                                                                                                                                                                                                         |
| AlarmIn            | 16-ch                                                                                                                                                                                                                                                                                                                                                                                                                     |
| AlarmOut           | 4-ch                                                                                                                                                                                                                                                                                                                                                                                                                      |
| eSATA              | 1                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PowerOutput        | 12V                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PowerSupply        | AC 100 ~ 240 V                                                                                                                                                                                                                                                                                                                                                                                                            |
| PowerSwitch        | Support                                                                                                                                                                                                                                                                                                                                                                                                                   |
| WorkingEnvironment | Description                                                                                                                                                                                                                                                                                                                                                                                                               |
| WorkingTemperature | -10 °C ~ 55 °C (14 °F ~ 131 °F)                                                                                                                                                                                                                                                                                                                                                                                           |

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|------------------------------|----------------------------------------------------|
| WorkingHumidity              | ≤ 90% RH (non-condensing)                          |
| PowerConsumption(withoutHDD) | ≤ 25W                                              |
| Dimensions                   | Description                                        |
| Weight(withoutHDD)           | ≤ 5.7Kg (12.57lb)                                  |
| Dimensions                   | 442mm ×426mm× 89mm (17.4"×16.8"×3.5")              |
| Certification                | Description                                        |
| Certification                | CE;FCC;UL;RoHS;WEEE                                |
| CE                           | EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035 |
| FCC                          | Part15 Subpart B                                   |