**NVR301-S3 Series**



## Key Features

* Support Ultra 265/H.265/H.264 video formats
* 4/8/16-channel input
* Support mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T ) and RTSP protocols
* Support 1-ch HDMI, 1-ch VGA, HDMI at up to 4K(3840x2160) resolution
* HDMI and VGA simultaneous output
* Up to 4K resolution recording
* 1 SATA HDD up to 8TB
* Support cloud upgrade

## Specifications

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| **Model** | **NVR301-04S3** | **NVR301-08S3** | **NVR301-16S3** |
| Video/Audio Input |
| IP Video Input | 4-ch | 8-ch | 16-ch |
| Network |
| Incoming Bandwidth | 64Mbps |
| Outgoing Bandwidth | 48Mbps |
| Remote Users | 128 |
| Protocols | TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SMTP, RTSP |
| Video/Audio Output |
| HDMI/VGA Output | HDMI:3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60HzVGA:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz |
| Recording Resolution | 4K/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF |
| Audio Output | 1-ch, 3.5mm |
| Audio Compression | G.711A, G.711U  |
| Synchronous Playback | 4-ch | 8-ch | 16-ch |
| Liveview display | 1/4 | 1/4/6/8/9 | 1/4/6/8/9/16 |
| Corridor Mode Screen | 3/4 | 3/4/5/7/9 | 3/4/5/7/9/10/12/16 |
| Snapshot |
| FTP/Schedule/Event Snapshot | 1-ch snapshot, up to D1 resolution |
| Decoding |
| Decoding format | Ultra 265/H.265/H.264 |
| Liveview/Playback | 4K/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF |
| Capability | 1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 4 x 1080p@30 | 1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 4 x 1080p@30, 8 x 720p@30 | 1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 4 x 1080p@30, 8 x 720p@30, 16 x D1@25 |
| Hard Disk |
| SATA | 1 SATA interface |
| Capacity | Up to 8TB for each disk(The maximum HDD capacity varies with environment temperature) |
| Smart |
| VCA Detection by Camera | Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Audio Detection, Ultra Motion Detection(UMD) |
| VCA Search | Behavior Search |
| Smart Intrusion Prevention (SIP) by Camera | 4-ch(Alarm only, no image) |
| UMD by Camera | 4-ch |
| General Alarm |
| General Alarm | Motion, Tampering, Human Body Detection, Video Loss, Alarm Input |
| Alert Alarm  | IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal |
| External Interface |
| Network Interface | 1 RJ45 10M/100M self-adaptive Ethernet Interface |
| USB Interface | Rear panel: 2 x USB2.0 |
| RS232 | NA |
| RS485 | NA |
| Alarm In | NA |
| Alarm Out | NA |
| General |
| Power Supply | 12V DCPower Consumption: ≤5 W (without HDD) |
| Working Environment | -10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing) |
| Dimensions (W×D×H) | 260mm × 240mm × 46mm (10.2"×9.4"×1.8 ") |
| Weight (without HDD) | ≤0.98kg (2.16 lb) |
| Certification |
| Certification | CE, FCC, UL, RoHS, WEEE |
| CE | EN 55032: 2015, EN 61000-3-3: 2013, EN IEC 61000-3-2: 2019, EN 55035: 2017 |
| FCC | Part15 Subpart B, ANSI C63.4 |

## Dimensions



## Rear Panel



Zhejiang Uniview Technologies Co., Ltd.

Building No.10, Wanlun Science Park, Jiangling Road 88, Binjiang District, Hangzhou, Zhejiang, China

Email: overseasbusiness@uniview.com; globalsupport@uniview.com

http://www.uniview.com

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* Product specifications and availability are subject to change without notice.