

## Network Video Recorder

### NVR302 Series



### Key Features

- Support H.265/H.264 video formats
- Support TVI,AHD, CVI,CVBS, IP cameras with adaptive access
- 8/16-channel BNC input
- Up to 8MP resolution for recording
- Support 1-ch HDMI output at up to 4K, 1-ch VGA output at up to 1920\*1080
- Long transmission distance over coax cable

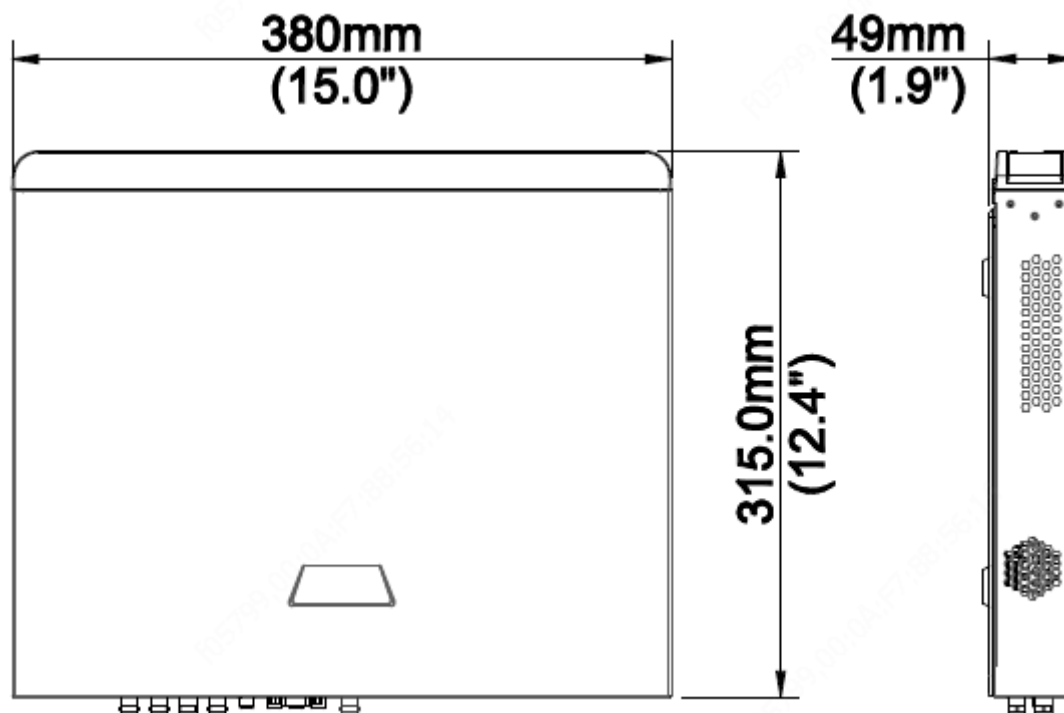
### Specifications

| Model                         | NVR302-08Q                                                                                                                                                                                                                                                                                       | NVR302-08U                                                                                                                                                                                                                                                 | NVR302-16Q                                                                                                                                                                                                                                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video/Audio Input             |                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                               |
| Analog Video Input            | 8-ch, BNC                                                                                                                                                                                                                                                                                        | 8-ch, BNC                                                                                                                                                                                                                                                  | 16-ch, BNC                                                                                                                                                                                                                                                                                                                    |
| IP Video Input                | 4-ch                                                                                                                                                                                                                                                                                             | 8-ch                                                                                                                                                                                                                                                       | 8-ch                                                                                                                                                                                                                                                                                                                          |
| Supported Analog Camera Types | <b>Support AHD input:</b><br>3M@30/25/18fps(channel1 - channel2),<br>1080P@30/25fps,<br>720P@30/25/50/60fps<br><b>Support TVI input:</b><br>3M@20/18fps (channel1 - channel2),<br>1080P@30/25fps,<br>720P@30P/25/50/60fps<br><b>Support CVI input:</b><br>1080P@30/25fps,<br>720P@30/25/50/60fps | <b>Support AHD input:</b><br>8M@15fps<br>5M@20/12fps<br>4M@30/25/15fps,<br>3M@30/25/18fps,<br>1080P@30/25fps,<br>720P@30/25/50/60fps<br><b>Support TVI input:</b><br>8M@15/12fps,<br>5M@20/12fps,<br>4M@30/25/15/12fps,<br>3M@20/18fps,<br>1080P@30/25fps, | <b>Support AHD input:</b><br>3M@30/25/18fps (channel1 - channel4),<br>1080P@30/25fps,<br>720P@30/25/50/60fps<br><b>Support TVI input:</b><br>3M@20/18fps (channel1 - channel4),<br>1080P@30/25fps,<br>720P@30/25/50/60fps<br><b>Support CVI input:</b><br>1080P@30/25fps,<br>720P@30/25/50/60fps<br><b>Support CVBS input</b> |

|                          |                                                                                                               |                                                                                                                                                              |                                                                                                            |
|--------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
|                          | Support CVBS input                                                                                            | 720P@30/25/50/60fps<br>Support CVI input:<br>8M@12/15fps,<br>4M@30/25fps,<br>1080P@30/25fps,<br>720P@30/25/50/60fps<br>Support CVBS input                    |                                                                                                            |
| Audio Input              | 1-ch, RCA                                                                                                     | 4-ch, RCA                                                                                                                                                    | 1-ch, RCA                                                                                                  |
| Two-way Audio            | 1-ch, RCA                                                                                                     | -                                                                                                                                                            | 1-ch, RCA                                                                                                  |
| Channel Associated Audio | -                                                                                                             | 4-ch, RCA                                                                                                                                                    | -                                                                                                          |
| Network                  |                                                                                                               |                                                                                                                                                              |                                                                                                            |
| Incoming Bandwidth       | 40Mbps                                                                                                        | 64Mbps                                                                                                                                                       | 40Mbps                                                                                                     |
| Outgoing Bandwidth       | 64Mbps                                                                                                        | 64 Mbps                                                                                                                                                      | 80Mbps                                                                                                     |
| Remote Users             | 128                                                                                                           |                                                                                                                                                              |                                                                                                            |
| Protocols                | TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE                                                                           |                                                                                                                                                              |                                                                                                            |
| Video/Audio Output       |                                                                                                               |                                                                                                                                                              |                                                                                                            |
| CVBS Output              | 1-ch, BNC                                                                                                     | 1-ch, BNC                                                                                                                                                    | 1-ch, BNC                                                                                                  |
| VGA Output               | 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz                |                                                                                                                                                              |                                                                                                            |
| HDMI Output              | 1920x1080p/60Hz,<br>1920x1080p/50Hz,<br>1600x1200/60Hz,<br>1280x1024/60Hz,<br>1280x720/60Hz,<br>1024x768/60Hz | 4K(3840X2160)/60Hz ,<br>4K(3840X2160)/30Hz,<br>1920x1080p/60Hz,<br>1920x1080p/50Hz,<br>1600x1200/60Hz,<br>1280x1024/60Hz,<br>1280x720/60Hz,<br>1024x768/60Hz | 1920x1080p/60Hz, 1920x1080p/50Hz,<br>1600x1200/60Hz,<br>1280x1024/60Hz,<br>1280x720/60Hz,<br>1024x768/60Hz |
| Recording Resolution     | 3MP/1080P/960P/720P/960H/4C IF/CIF                                                                            | 8MP/5MP/4MP/3MP/1080P/960P/720p/960H/4CIF/CIF                                                                                                                | 3MP/1080P/960P/720P/960H/4CIF/CIF                                                                          |
| Audio Output             | 1-ch, RCA                                                                                                     |                                                                                                                                                              |                                                                                                            |
| Synchronous Playback     | 8-ch                                                                                                          | 8-ch                                                                                                                                                         | 16-ch                                                                                                      |
| Decoding                 |                                                                                                               |                                                                                                                                                              |                                                                                                            |
| Decoding format          | H.265/H.264                                                                                                   |                                                                                                                                                              |                                                                                                            |
| Live View/ Playback      | 12MP/8MP/5MP/4MP/3MP/1080P/960P/720P/960H/4CIF/CIF/QC IF                                                      | 12MP/8MP/5MP/4MP/3MP/1080P /960P/720p/960H/4CIF/CIF/QCIF                                                                                                     | 12MP/8MP/5MP/4MP/3MP/1080P/960P/720P/960H/4CIF/CIF/QCIF                                                    |
| Capability               | 1 x 4K@30,<br>1 x 6MP@30,<br>1 x 5MP@30,<br>2 x 4MP@30,<br>2 x 3MP@30,<br>3 x 3MP@25,<br>4 x 1080p@30,        | 2 x 4K@30,<br>2 x 6MP@30,<br>3 x 5MP@30,<br>4 x 4MP@30,<br>4 x 3MP@30,<br>6 x 3MP@25,<br>8 x 1080p@30,                                                       |                                                                                                            |

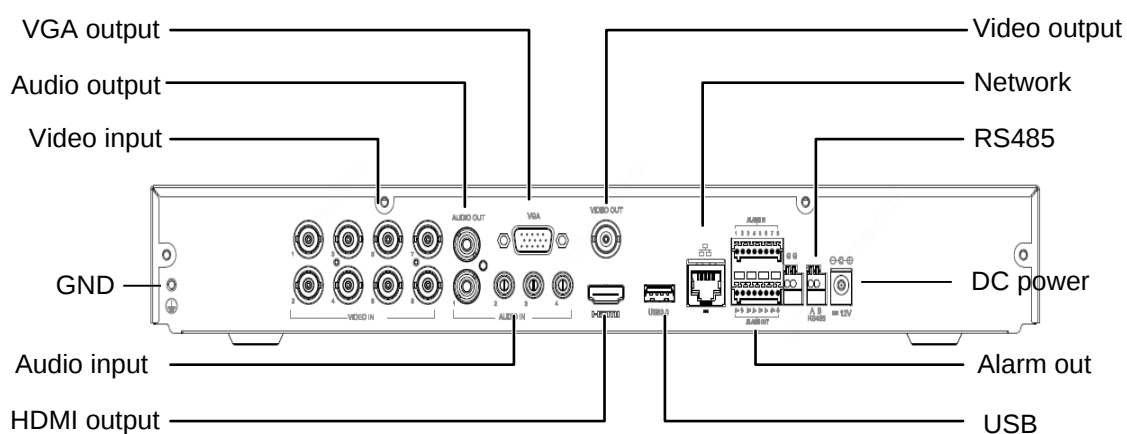
|                        |                                                                                                                                        |                                                                                                                              |                                                                                                                                         |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|                        | 8 x 720p@30,                                                                                                                           | 16 x 720p@30,                                                                                                                |                                                                                                                                         |
| Encoding               |                                                                                                                                        |                                                                                                                              |                                                                                                                                         |
| Frame Rate             | Main stream:<br>3MP@15P(channel1 - channel2),<br>2MP@15P(channel3 - channel8),<br>720P@30P(All channels)<br>Sub stream:<br>D1@30P(Max) | Main stream:<br>8MP@8P*8<br>5MP@12P*8,<br>4MP@15P*8,<br>3MP@18P*8,<br>2MP@25P*8,<br>720P@30P*8<br>Sub stream:<br>D1@30P(Max) | Main stream:<br>3MP@15P(channel1 - channel4),<br>2MP@15P(channel5 - channel16),<br>720P@30P(All channels)<br>Sub stream:<br>D1@30P(Max) |
| Hard Disk              |                                                                                                                                        |                                                                                                                              |                                                                                                                                         |
| SATA                   | 2 SATA interface                                                                                                                       |                                                                                                                              |                                                                                                                                         |
| Capacity               | Up to 8TB for each HDD                                                                                                                 |                                                                                                                              |                                                                                                                                         |
| External Interface     |                                                                                                                                        |                                                                                                                              |                                                                                                                                         |
| Network Interface      | 1RJ45 10M/100M self-adaptive Ethernet Interfaces                                                                                       | 1RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces                                                                       |                                                                                                                                         |
| USB Interface          | Rear panel: 1 x USB2.0,Front panel: 1xUSB2.0                                                                                           | Rear panel: 1 x USB3.0,Front panel: 1xUSB2.0                                                                                 |                                                                                                                                         |
| Seral Interface        | 1 x RS485                                                                                                                              |                                                                                                                              |                                                                                                                                         |
| Alarm In               | -                                                                                                                                      | 8                                                                                                                            | -                                                                                                                                       |
| Alarm Out              | -                                                                                                                                      | 4                                                                                                                            | -                                                                                                                                       |
| General                |                                                                                                                                        |                                                                                                                              |                                                                                                                                         |
| Power Supply           | 12V DC<br>Power Consumption: ≤ 8 W( without HDD )                                                                                      | 12V DC<br>Power Consumption: ≤ 12 W( without HDD )                                                                           |                                                                                                                                         |
| Working Environment    | -10°C ~ + 55°C ( +14°F ~ +131°F ), Humidity ≤ 90% RH(non-condensing)                                                                   |                                                                                                                              |                                                                                                                                         |
| Dimensions(W×D×H)      | 380mm ×315mm× 49mm (15" × 12.4"×1.9")                                                                                                  |                                                                                                                              |                                                                                                                                         |
| Weight ( without HDD ) | ≤1.9 Kg ( 4.19lb )                                                                                                                     |                                                                                                                              |                                                                                                                                         |

## Dimensions



## Rear Panel

Take NVR302-08U for example



**Zhejiang Uniview Technologies Co.,Ltd.**

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

Email: [overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)

<http://www.uniview.com>

©2018 Zhejiang Uniview Technologies Co.,Ltd. All rights reserved.

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