

Network Video Recorder NVR502-B Series



Features

- Support Ultra 265/H.265/H.264 video formats
- 9/16/32-channel input
- VGA and HDMI independent output
- Up to 16 Megapixels resolution recording
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

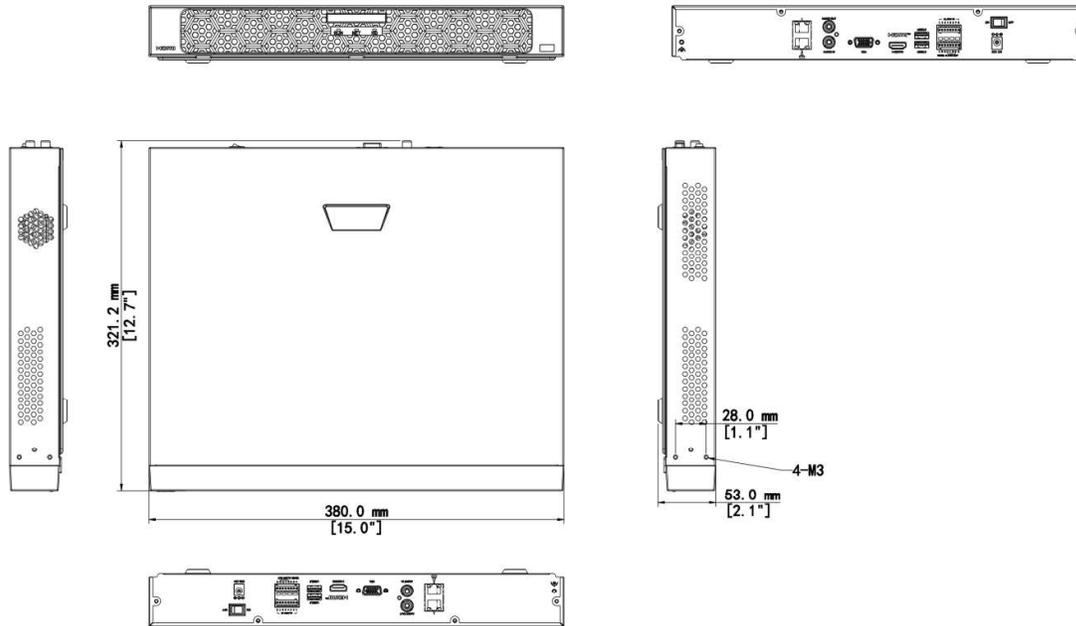
Specifications

| Model | NVR502-09B | NVR502-16B | NVR502-32B |
|---------------------------------|---|---|--|
| Decoding | | | |
| Decoding Format | Ultra 265, H.265, H.264 | | |
| Decoding Capability | Ultra 265/H.265: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 9 x 3MP@30 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, 9 x 1080P@30 | Ultra 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 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 720P@30 | Ultra 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 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, 30 x 720P@30, 32 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, IPv6, IPv4 | | |
| Browser (Plugin) | IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+ | | |
| Video/Audio Input | | | |
| IP Video Input | 9-ch | 16-ch | 32-ch |
| 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 | 1/4/6/8/9/16 | 1/4/6/8/9/16/25/32 |
| Corridor Mode Screen | 3/4/5/7/9 | 3/4/5/7/9/10/12/16 | 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. D1 (720 × 576) video resolution, with D1 snapshot resolution) | | |

| | | | |
|---------------------------------|---|-------|-------|
| Recording | | | |
| Recording Resolution | 16 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF | | |
| Synchronous Playback in Local | 9-ch | 16-ch | 16-ch |
| Smart | | | |
| Smart by IPC | All channels (up to 8 images/s in total) Face Detection, Face Comparison, Vehicle Detection (LPR), Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring | | |
| VCA Search | Face Snapshot Search, Face Comparison 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 | 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 | | |
| Disk Array Type | RAID 1 | | |
| External Interface | | | |
| Network Interface | 2 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface | | |
| USB | Front: 1 x USB2.0, Rear panel: 1 x USB2.0, 1 x USB3.0 | | |
| RS485 | 1 | | |
| RS232 | N/A | | |
| Alarm In | 8-ch | | |
| Alarm Out | 2-ch | | |
| Power Supply | DC 12 V/3 A | | |
| Power Switch | Support | | |
| Working Environment | | | |
| Working Temperature | -10 °C to 55 °C (14 °F to 131 °F) | | |
| Working Humidity | ≤ 90% RH (non-condensing) | | |
| Power Consumption (without HDD) | ≤ 20W | | |
| Dimensions | | | |
| Weight (without HDD) | ≤ 2Kg (4.40lb) | | |

| | |
|---------------|--|
| Dimensions | 380mm × 315mm × 53mm (15.0"×12.4"×2.1") |
| Certification | |
| Certification | CE; FCC; UL; RoHS; WEEE |
| CE | EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035 |
| FCC | Part15 Subpart B |

Dimensions

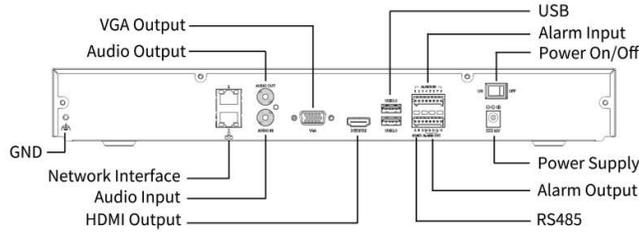


Accessories

RM-1U-380
2 HDD 1U NVR Rack Mount



Rear Panel



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