

Network Video Recorder

NVR516 Series



Features

- Support Ultra 265/H.265/H.264 video formats
- 64/128-channel input
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile C, Profile Q, Profile A, Profile T
- Support 2-ch HDMI, 1-ch VGA, HDMI at up to 4K(3840x2160) resolution
- HDMI1, HDMI2 and VGA independent outputs provided
- Up to 12 Megapixels resolution recording
- Redundant power supply optional
- Support HDD hot swap with RAID 0, 1, 5, 6, 10, 50, 60 storage scheme configurable
- 16 SATA HDDs, up to 16TB for each HDD
- Support 2 miniSAS Interfaces
- Support 12V power output

- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade
- Support N+1 Hot spare

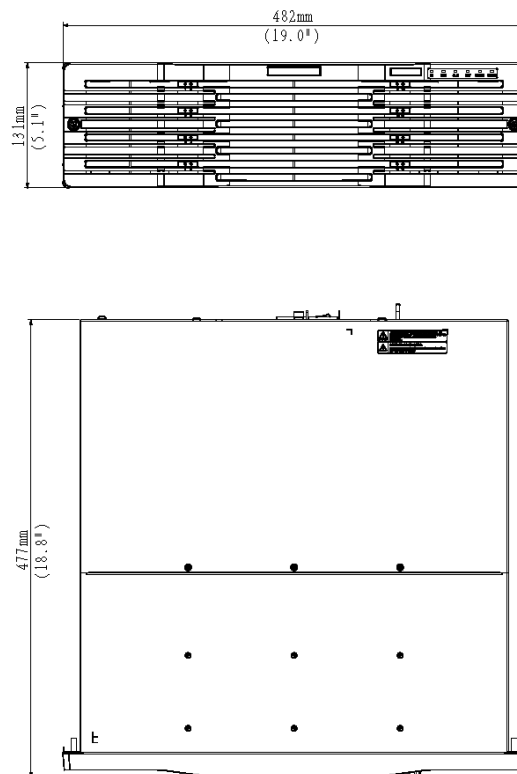
Specifications

| Decoding | Description |
|-------------------------------|---|
| Decoding Format | Ultra 265,H.265,H.264 |
| Decoding Capability | 4 x 12MP@20, 4 x 4K@30, 16 x 1080P@30, 36 x 720P@30, 64 x D1 |
| Audio Compression | G.711A,G.711U |
| Network | Description |
| Incoming Bandwidth | NVR516-64:384Mbps NVR516-128:512Mbps |
| Outgoing Bandwidth | 384Mbps |
| Remote Users | 128 |
| Protocols | TCP/IP;P2P;UPnP;NTP;DHCP;PPPoE;HTTP;HTTPS;DNS;DDNS;SNMP;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/Audio Input | Description |
| IP Video Input | NVR516-64:64-ch NVR516-128:128-ch |
| BNC Audio Input | 1-ch |
| Video/Audio Output | Description |
| HDMI Output | HDMI1/HDMI2(HDMI audio output is not supported):4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz |
| VGA Output | VGA:1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz |
| BNC Audio Output | 1-ch |
| Liveview Display | VGA:1/4/6/8/9/16/25/36, HDMI1/HDMI2:1/4/6/8/9/16/25/36/64 |
| Corridor Mode Screen | 3/4/5/7/9/10/12/16/32 |
| Two-way Audio | Description |
| Two-way Audio | 1-ch,BNC(Using the audio input and output) |
| Snapshot | Description |
| FTP/Schedule/Event Snapshot | NVR516-64:64-ch snapshot,up to 4K resolution NVR516-128:128-ch snapshot,up to 4K resolution |
| Recording | Description |
| Recording Resolution | 12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF |
| Synchronous Playback in Local | 16-ch |
| Smart | Description |

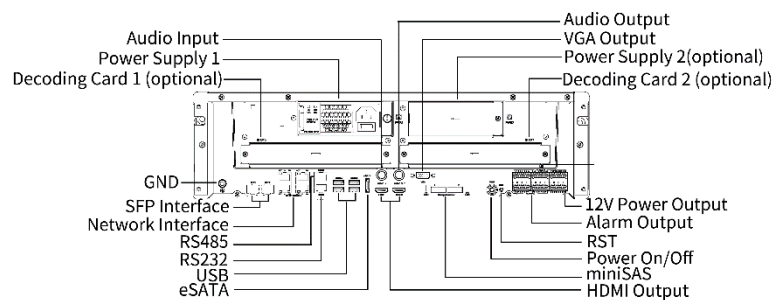
| | |
|---------------------------------|---|
| VCA Detection by IPC | Vehicle Detection;SIP(Intrusion Detection,Cross Line Detection,Enter Area,Leave Area);Ultra Motion Detection(UMD);Temperature Detection(Fire Detection,Smoking Detection,Temperature Measurement,Smoke and Fire Detection);People Counting(People Flow Counting,Crowd Density Monitoring);Video Metadata;Traffic Monitoring |
| VCA Search | Motor Vehicle Search;Non-Motor Vehicle Search;General Search;People Counting Report |
| Smart by IPC | Total 64-ch(Vehicle Detection,Temperature Detection,SIP,UMD,Video Metadata,Traffic Monitoring) |
| Alarm | Description |
| General Alarm | Defocus Detection;Scene Change Detection;Object Left Behind;Object Removed;Auto Tracking;Motion Detection;Tampering; 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;High CPU Temperature;High Motherboard Temperature;Array Damaged;Array Degraded |
| GUI Language | Description |
| 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 | Description |
| SATA | 16 SATA Interfaces |
| Capacity | Up to 16TB for each HDD(The maximum HDD capacity varies with environment temperature) |
| Disk Array Type | RAID 0,1,5,6,10,50,60 |
| Hot Swap | Support |
| External Interface | Description |
| Network Interface | 4 RJ45 10M/100M/1000M self-adaptive Ethernet Interface;2 1000M SFP Ethernet Interface |
| USB | Rear panel: 4 x USB3.0 |
| RS485 | 1 |
| RS232 | 1 |
| Alarm In | 24-ch |
| Alarm Out | 8-ch |
| eSATA | 1 |
| miniSAS | 2 |
| Power Output | 12V |
| Power Supply | AC 100~240V |
| Power Switch | Support |
| Redundant Power Supply | Support |
| Working Environment | Description |
| Working Temperature | -10° C ~ +55° C (+14° F ~ +131° F) |
| Working Humidity | ≤ 90% RH (non-condensing) |
| Power Consumption (without HDD) | ≤ 50W |

| Dimensions | Description |
|----------------------|---|
| Weight (without HDD) | ≤ 10Kg (22.05lb) |
| Dimensions | 482mm × 477mm × 131mm (19.0" × 18.8" × 5.2") |
| 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 |

Dimensions



Rear Panel



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