

## **128ch, 12MP Resolution, 16-Bay HDD, H.265 NVR**



128ch NVR

### **NR12816**

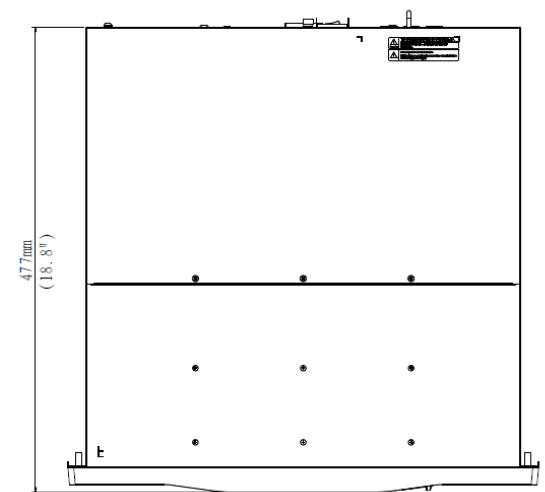
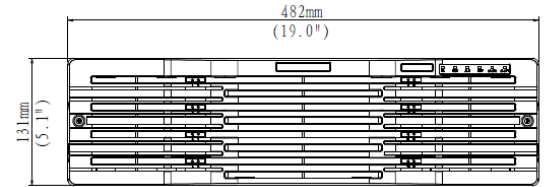
- > Fully Adheres to National Defense Authorization Act (NDA A) Guidelines
- > 128ch network recorder with H.265 Compression for Best-in-Class Recording and Storage Performance
- > Supports recording of up to 12MP (4000 x 3000) Resolution Images
- > Display Images up to 4k (3840 x 2160) Resolution on both HDMI Outputs
- > Concurrent Independent Display on all HDMI and VGA Monitor Outputs
- > Easy Plug and Play Functionality with Automatic Device Discovery and Display
- > Supports Video Wall Applications of up to 15 monitors with optional HDMI Decoder Cards
- > Maximum internal storage of 16 SATA HDD's up to 10TB each for 160TB total, with HDD Hot Swap and RAID 0, 1, 5, 6, 10, 50, 60
- > Supports optional external storage devices for up to an additional 320TB of external storage
- > Powerful Video Content Analysis Features such as Cross Line Detection, Audio Detection, Scene Change, People Counting
- > Supports ONVIF Profile Series Compliant Third Party Cameras
- > Supports Cloud Upgrade for NVR and uniview tec Cameras with Automatic Detection of Latest Firmware
- > Supported by license-free uniview tec Guard Station Client Software and Guard Viewer Mobile App's for iPhone and Android Devices
- > Optional Mini-SAS Disk Enclosures and PoE Switches

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## Specifications

| Video   |  |
|---|--|
| IP Camera Inputs  | 128 channels   |
| Video Formats   | Ultra 265, H.265, H.264  |
| Recording Video Resolution                                | 12MP Maximum   |
| Playback Video Capability (fps)                           | 4 x 12MP @ 20; 4 x 4K @ 30; 16 x 1080P @ 30;<br>36 x 720P@30; 64 x D1 @ 25   |
| Monitor Output – Concurrent & Independent HDMI & VGA Only | 2 x HDMI (4K~ 720p); 1 x VGA (1080p ~ 720P);<br>1 x BNC  |
| Synchronous Playback                                      | 16 channels  |
| Network   |  |
| Protocols   | P2P, UPnP, NTP, DHCP, PPPoE  |
| Bandwidth   | Incoming – 512Mbps<br>Outgoing – 384Mbps   |
| Remote Users  | 128  |
| Video Analytics   | Detection: Face, Intrusion, Cross line, Audio,<br>Defocus, Scene Change, Auto tracking, People<br>Counting, Face and Behavior Search |
| General   |  |
| Network Interface   | 4 x RJ45, 10M/100M/1000M, Adaptive Ethernet;<br>2 x 1000M SFP Ethernet   |
| Serial Interface  | 1 x RS232, 1 x RS485   |
| USB Interface   | Rear panel: 4 x USB3.0   |
| Alarm Interface   | 24ch – Inputs; 8ch - Output  |
| Audio Interface   | 1ch RCA Input / Output   |
| Corridor Mode   | Record / Playback Multiple Cameras<br>Simultaneously   |
| Hard Disk   | 16 SATA, up to 10TB each: total 160TB  |
| eSATA   | 1 port   |
| Mini-SAS  | 2 ports  |
| Disk Array  | RAID 0, 1, 5, 6, 10, 50, 60  |
| Power   | 100-240VAC; 50W Consumption (w/o HDD)  |
| Operating Temperature                                     | -10°C ~ + 55°C ( +14°F ~ +131°F ), Humidity ≤ 90%<br>RH(non-condensing)  |
| Rack Mountable  | Yes; Shelf or Rails are Rec'd, but Not Included  |
| Dimensions (WxDxH)  | 482 × 477 × 131 mm (18.8 × 19 × 5.1")  |
| Weight (w/o HDD)  | 10kg ( 22.05lb )   |
| Conformity Certifications                                 | FCC, CE (UL – Power Supply only)   |

## Dimensions



## Accessories

|               |                         |
|---------------|-------------------------|
| PWR-300A-IN   | Redundant Power Supply  |
| NASDE08       | Mini-SAS Disk Enclosure |
| FB-HDMI4-C-NB | 4-channel Decoder Card  |
| FB-HDMI6-C-NB | 6-channel Decoder Card  |
| NSW081P       | 8-port PoE Switch       |
| NSW162PX      | 16-port PoE Switch      |
| NSW242PX      | 24-port PoE Switch      |

## Models

|              |              |
|--------------|--------------|
| NR12816-80T  | NR12816-100T |
| NR12816-120T | NR12816-140T |
| NR12816-160T |              |