

128ch, 8K Resolution, H.265 NVR



128ch NVR

NR12816X

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > 128ch network recorder with H.265 Compression for Best-in-Class Recording and Storage Performance
- > Supports recording of up to 32MP (4000 x 3000) Resolution Images
- > HDMI1 output up to 8k (7680 x 4320) and HDMI2 output up to 4K (3840 x 2160) Resolution
- > Concurrent Independent Display on HDMI outputs, VGA outputs are synchronous to HDMI
- > 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 12TB each for 192TB total, with HDD Hot Swap and RAID 0, 1, 5, 6, 10, 50, 60
- > Powerful Video Content Analysis Features such as Cross Line Detection, Audio Detection, Scene Change, People Counting, Color Search
- > 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, as well as Guard Live and Guard Viewer Mobile App's for iPhone and Android Devices

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Specifications

Decoding	Description
Decoding Format	H.265,H.264
Decoding Capability	2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 12 x 5MP@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30, 54 x 960P@30, 64 x 720P@30, 128 x D1
Audio Compression	G.711A, G.711U
Network	Description
Incoming Bandwidth	640Mbps
Outgoing Bandwidth	640Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS, RT SP, 802.1x, IPV6
Browser(Plugin)	IE(IE10/11)for Windows, Firefox(version 52.0 and above)for Windows, Chrome(version 45 and above)for Windows, Edge(version 79 and above)for Windows
Video/Audio Input	Description
IP Video Input	128-ch
RCA Audio Input	1-ch
Video/Audio Output	Description
HDMI Output	HDMI1: 8K(7680x4320)/60Hz, 4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI2: 4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	VGA1/VGA2: 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
RCA Audio Output	2-ch
Live View Display	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,RCA(Using the audio input and output)
Snapshot	Description
FTP/Schedule/Event Snapshot	16-ch snapshot, up to 1080P resolution
Recording	Description
Recording Resolution	32MP/16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF
Synchronous Playback in Local	16-ch
Smart	Description

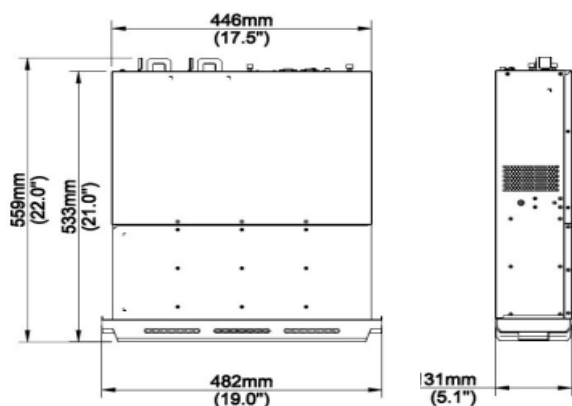
VCA Detection by IPC	Face Detection, Face Comparison, Vehicle Detection, SIP(Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Ultra Motion Detection(UMD), Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), People Counting(People Flow Counting, Crowd Density Monitoring), Video Metadata, Traffic Monitoring
VCA Search	Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map
Smart by IPC	64ch(Face Detection, Face Comparison, 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, 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
Hard Disk	Description
SATA	16 SATA Interfaces
Capacity	Up to 12TB for each disk
Disk Group	Support
Redundant Storage	Support
Disk Array Type	RAID 0,1,5,6,10,50,60
External Interface	Description
Network Interface	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interface
USB	Front panel: 2 x USB2.0,Rear panel: 2 x USB3.0
RS485	1
RS232	1
Alarm In	16-ch
Alarm Out	10-ch
eSATA	1
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 (w/o HDD)	≤ 50W
Dimensions	Description
Weight (without HDD)	≤ 6.5Kg (14.3lb)

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Network Recorders

Height	3U
Dimensions	482mm × 533mm × 131mm (19.0"×21.0"×5.1")
Certification	Description
Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55032,EN 61000-3-3,EN IEC 61000-3-2,EN 55035

Dimensions

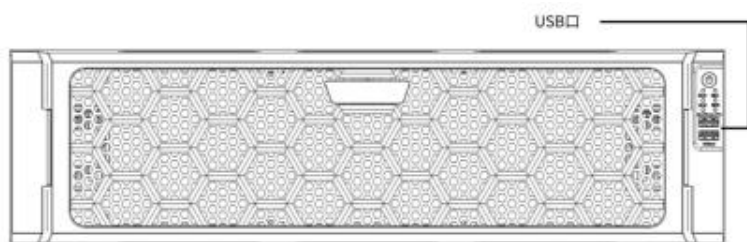


Accessories

- PWR-DC12-350A-IN Redundant Power Supply
- FB-HD04-B-NB 4-channel Decoder Card
- FB-HD07-B-NB 7-channel Decoder Card
- NSW04GPX 4-Port PoE Switch
- NSW08PX 8-port PoE Switch
- NSW162PX 16-port PoE Switch
- NSW242PX 24-port PoE Switch

Not Compatible with DE1600

Front and Rear Panel



Models

- NR12816X-60T
- NR12816X-80T
- NR12816X-100T
- NR12816X-120T
- NR12816X-140T
- NR12816X-160T

