256ch, 12MP Resolution, 24-Bay HDD, H.265 NVR

256ch NVR

NR25624

> Fully Adheres to National Defense Authorization Act (NDAA) Guidelines

> 256ch 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 HDMI outputs & VGA outputs

> Maximum internal storage of 24 SATA HDD's up to 12TB each for 288TB total, with HDD Hot Swap and RAID 0, 1, 5, 6, 10, 50, 60

> Supports optional external storage devices for up to an additional 384TB of external storage

> Powerful Video Content Analysis Features such as Face Detection and 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, as well as Guard Live and Guard Viewer Mobile App's for iPhone and Android Devices

> Optional Mini-SAS Disk Enclosures, Redundant Power Supply and PoE Switches
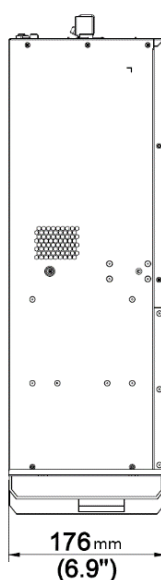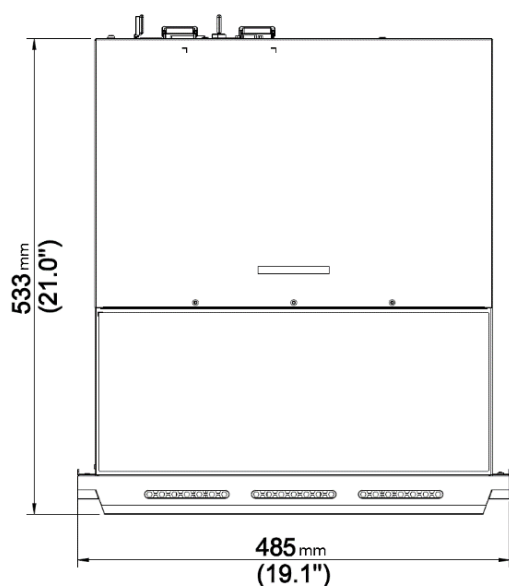
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Specifications

Decoding	Description
Decoding Format	H.265,H.264
Decoding Capability	3 x 12MP@30, 5 x 4K@30, 20 x 1080P@30, 24 x 1080P@25, 40 x 960P@25, 45 x 720P@30, 54 x 720P@25, 96 x D1
Audio Compression	G.711A, G.711U

Network	Description
Incoming Bandwidth	768Mbps
Outgoing Bandwidth	768Mbps
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	256-ch
RCA Audio Input	1-ch

Video/Audio Output	Description
HDMI Output	HDMI1 / HDMI2: 4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	VGA: 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
RCA Audio Output	1-ch
Live View 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, RCA(Using the audio input and output)

Snapshot	Description
FTP/Schedule/Event Snapshot	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	Face Detection; 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

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VCA Search	Motor Vehicle Search; Non-Motor Vehicle Search; Human Body Search; General Search; People Counting Report
Smart by IPC	All channels (up to 64 images in total) Face Detection, Vehicle Detection, Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring
Vehicle Picture Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total
Capacity of Snapshot Records	5 million records for face snapshot; 5 million records for vehicle snapshot; 2 million records for SIP

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; High CPU Temperature; High Motherboard Temperature; Array Damaged; Array Degraded

Hard Disk	Description
SATA	24 SATA Interfaces
Capacity	Up to 12TB for each disk; total 288TB
Disk Array Type	RAID 0,1,5,6,10,50,60
Hot Swap	Support

External Interface	Description
Network Interface	4 x 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	24-ch
Alarm Out	18-ch
eSATA	1
Mini-SAS	2
Extension Board	4
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)	≤ 70W

Dimensions	Description
Weight (without HDD)	≤ 12.5Kg (27.56lb)

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Dimensions	484.6mm × 533mm × 175.5mm (19.1"×21.0"×6.9")
Rack Mountable	Yes; Shelf or Rails are Rec'd, but Not Included
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

533mm (21.0")

485mm (19.1")

176mm (6.9")

Models

NR25624-120T	NR25624-140T
NR25624-160T	NR25624-200T
NR25624-240T	

Accessories

PWR-DC12-350A-IN	Redundant Power Supply
NASDE08	Mini-SAS Disk Enclosure (8 bay)
DE1600	Mini-SAS Disk Enclosure (16 bay)
NSW162PX	16-port PoE Switch
NSW242PX	24-port PoE Switch
NSW162GPX	16-port PoE Switch
NSW242PX	24-port PoE Switch
NSW242GPX	24-port PoE Switch

Rear Panel