

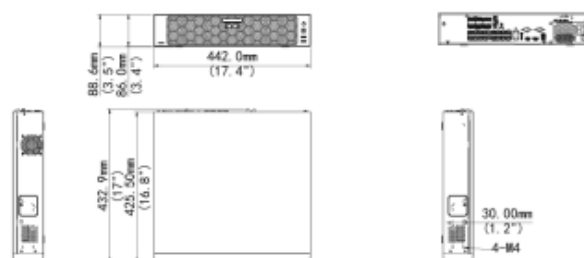
Model	VN4A-64X24
Decoding	
Decoding Format	Ultra 265, H.265, H.264
Decoding Capability	Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 10 x 6MP@30, 12 x 5MP@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30, 64 x 720P@30 Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 8 x 6MP@30, 9 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 24 x 1080P@30, 48 x 720P@30, 64 x D1
Decoding Capability Description	The resolution of each channel cannot exceed 8192 pixels in length or width
Audio Compression	G.711A, G.711U
Network	
Incoming Bandwidth	Smart Off: 384Mbps, Smart On: 200Mbps
Outgoing Bandwidth	Smart Off: 384Mbps, Smart On: 200Mbps
Remote Users	128
Protocols	TCP/IP; P2P; UPnP; NTP; DHCP; PPPoE; HTTP; HTTPS; DNS; DDNS; SNMP; SMTP; NFS; RTSP; 802.1x; IPv6; IPv4
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	
IP Video Input	64-ch
RCA Audio Input	1-ch
Video/Audio Output	
Video Output	Support 2-ch HDMI, 2-ch VGA, HDMI1 and VGA1 simultaneous output, HDMI2 and VGA2 simultaneous output, HDMI1/VGA1 and HDMI2/VGA2 independent output
HDMI Output	4K(3840x2160)/60Hz, 4K(3840x2160)/30Hz, 1920x1080/60Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	1920x1080/60Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
RCA Audio Output	2-ch
Liveview Display	HDMI1 and VGA1: 1/4/6/8/9/16/25/36/64; HDMI2 and VGA2: 1/4/6/8/9/16
Corridor Mode Screen	HDMI1 and VGA1: 3/4/5/7/9/10/12/16/32; HDMI2 and VGA2: 3/4/5/7/9/10/12/16
Two-way Audio	
Two-way Audio	1-ch, RCA (Using the audio input and output)
Snapshot	
FTP/Schedule/Event Snapshot	16-ch snapshot, up to 4K resolution
Recording	
Recording Resolution	32MP/16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF
Smart	
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
Smart by NVR	Face Detection; Face Comparison; Smart Intrusion Prevention (SIP); Ultra Motion Detection (UMD); (At same channel, only one smart function by NVR can be enabled simultaneously.)
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; SmartSearch+; AcuSearch
Smart by IPC	All channels (up to 16 images/s in total) Face Detection, Face Comparison, Vehicle Detection, Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring
Face Comparison by NVR with face detection cameras	16-ch
Face Comparison by NVR with normal cameras	4-ch
Face Picture Library	Up to 128 face picture libraries, with up to 40,000 face pictures in total
Vehicle Picture Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total
SIP by NVR	8-ch
UMD by NVR	16-ch
Capacity of Snapshot Records	3 millions records for face snapshot; 2 millions records for vehicle snapshot; 2 millions records for SIP
Alarm	
General Alarm	Defocus Detection; Scene Change Detection; Object Left Behind; Object Removed; Auto Tracking; Motion Detection; Tampering; Human Body Detection; Video Loss; Audio Detection; Alarm Input

## VN4A-64X24

64 Ch NVR with 24 Plug & Play Ports, 384/200 Mbps, 4 HD Bays, 4K, With Cloud Upgrade and Smart Features Features

- Smart Analytic Support/ 8CH SIP Max/ 4CH Face Comparison/ACCU Search
- 64 Ch with 24 Plug & Play Ports for easy camera setup PoE (Power Over Ethernet) available on all ports
- Up to 32 Megapixel Resolution Recording
- 384/200 Mbs Bit Rate Input (Smart Mode Off/On)
- Supports up to 16 channel simultaneous playback
- Works with ONVIF or other supported IP cameras (Profile S/G/T)
- (2) Local HDMI main monitor output with 4K Support
- (2) Local VGA main monitor output up to 1080p
- P2P Vision Stream Connect for Networking
- Multiple video search options including Smart Search for quick retrieval of footage
- Cloud Upgradeable
- RAID 0/1/5 Support
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC
- NDAA Compliant

Alert Alarm	IP Conflict; Network Disconnected; Disk Offline; Disk Abnormal; Illegal Access; Hard Disk Space Low; Hard Disk Full; Recording/Snapshot Abnormal; Array Damaged; Array Degraded
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	4 SATA Interfaces
Capacity	Up to 22TB for each HDD (The maximum HDD capacity varies with environment temperature and hard disk size)
Disk Group	Support
Redundant Storage	Support
Disk Array Type	RAID 0, 1, 5
External Interface	
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	N/A
Alarm In	16-ch
Alarm Out	10-ch
eSATA	1 eSATA Interface. Recording Max 20TB, Archiving Max 8TB
Power Output	12V, < 1 AMP
Power Supply	AC 100 ~ 240 V
Power Switch	Support
PoE	
PoE Interface	24 RJ45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port, Max 210W in total
Supported Standard	IEEE 802.3at, IEEE 802.3af
Working Environment	
Working Temperature	14°F ~ 131°F (-10°C ~ 55°C)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤50W
Dimensions	
Weight (without HDD)	≤12.1 lbs (5.5KG)
Height	2U
Dimensions	17.4" x 17" x 3.5" (442mm x 432.9mm x 88.6mm)
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



## Ordering Information

**VN4A-64X24:** 64 Ch NVR

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