



## VN4A-32X

32 Ch NVR, 384/200Mbps, (2) NIC Cards, 4HDD Bays, 4k, With Cloud Upgrade

### Features

- 32 Channel with (2) NIC Cards
- Up to 32 Megapixel Resolution Recording
- 384/200 Mbps Bit Rate Input
- Supports up to 16 channel simultaneous playback
- Smart Analytic Support Including SIP, ACCU Search, Face Recognition\*
- Works with ONVIF or other supported IP cameras
- (2) Local HDMI main monitor output with 4K Support
- (2) Local HDMI & 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.
- Ultra 265/ H.265/H.264
- RAID 0/1/5 Support
- Cloud Upgradeable
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC

### \*See Spec for Specific Details

Model	VN4A-32X
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 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, 32 x 720P@30
Decoding Capability	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, RTSP, 802.1x, NTP, DHCP, IPv6, IPv4 PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS,
Browser (Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+
Video/Audio Input	
IP Video Input	32-ch
RCA Audio Input	1-ch
Peripheral Input	
POS	All channels
Video/Audio Output	
HDMI Output	4K (3840 x 2160)/60 Hz, 4K (3840 x 2160)/30 Hz, 1920 x 1080/60 Hz, 1600 x 1200/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz, 1024 x 768/60 Hz
VGA Output	1920 x 1080/60 Hz, 1600 x 1200/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz, 1024 x 768/60 Hz

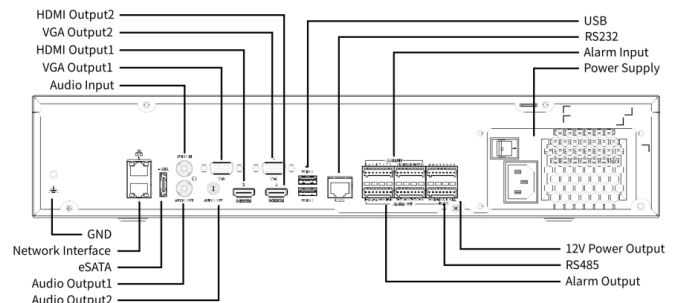
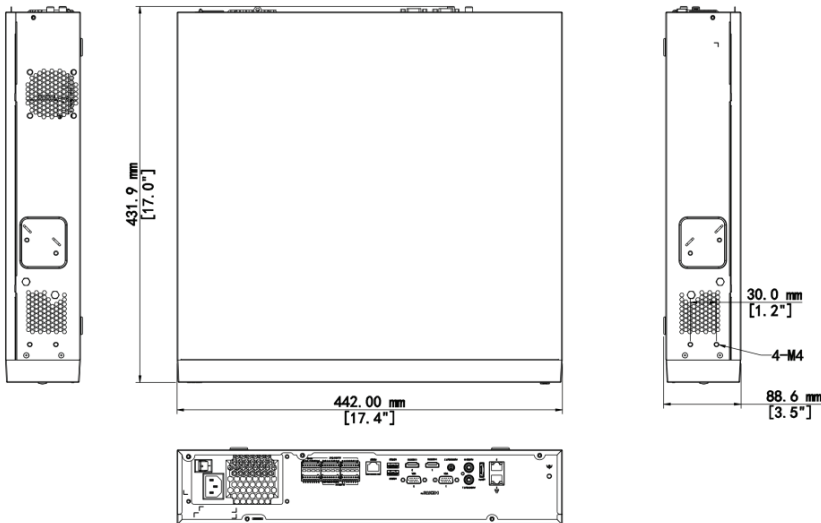
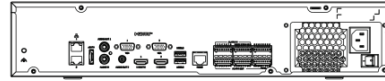
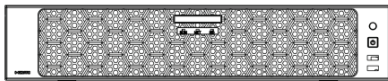
### Ordering Information

**VN4A-32X:** 32 Ch NVR with (2) NIC Cards

RCA Audio Output	2-ch
Liveview Display	HDMI1 and VGA1: 1/4/6/8/9/16/25/32; 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 (max. 8 MP (3840 x 2160) video resolution, with 1080P snapshot resolution)
Recording	
Recording Resolution	32 MP/16 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF
Num of Concurrent Playback	32-ch
Synchronous Playback in Local	16-ch
Smart Function	
Smart by IPC	All channels (up to 16 images/s in total) Face Detection, Face Comparison, Vehicle Detection (LPR), Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring
Smart by NVR	Face Detection, Face Comparison, Smart Intrusion Prevention (SIP), Ultra Motion Detection (UMD)
Smart by NVR Analyzer Mode	Mixed Mode (Face Recognition+AcuSearch/AcuTrack), Mixed Mode (SIP+UMD), Modes cannot active simultaneously, only one mode can active at a time.
VCA Search	AcuSearch, AcuTrack, Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map
AcuSearch	
Acu Search Performance	All channels with Vision SIP/UMD Camera
AcuTrack	
Acu Track Performance	All channels with Vision SIP/UMD Camera
by NVR	Up to 16-ch with Vision Face Detection Camera, Up to 4-ch with normal camera (Vision and Third-part brand, 4-ch 2MP, 2-ch 4MP, 1-ch 4K)
Search by Image	Support
Plate Comparison	
Vehicle Number Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total
SIP	
SIP by NVR with normal cameras	Up to 8-ch with normal camera (Vision and Third-part brand, 8-ch 2MP, 4-ch 4MP, 2-ch 4K)
UMD	
UMD by NVR with normal cameras	Up to 16-ch with normal camera (Vision and Third-part brand, 16-ch 2MP, 8-ch 4MP, 4-ch 4K)
Capacity of Smart Snapshots	
Capacity of Snapshot Records	3 millions records for face snapshot, 2 millions records for vehicle snapshot, 2 millions records for SIP
Alarm	
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	

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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 24 TB for each HDD (The maximum HDD capacity varies with environment temperature and hard disk size, The environment temperature for use should not exceed 40°C)
Disk Group	Support
Redundant Storage	Support
Disk Array Type	RAID 0, 1, 5
External Interface	
Network Interface	2 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface
Network Working Mode	Multi-access, load balance, network fault-tolerance
USB	Front panel: 2 × USB2.0, Rear panel: 2 × USB3.0
RS485	1
RS232	1
Alarm In	16-ch
Alarm Out	10-ch
eSATA	1
Power Output	12 V
Power Supply	AC 100~240V
Working Environment	
Working Temperature	14°F ~ 131°F (-10°C ~ 55°C)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤ 35W
Dimensions	
Weight (without HDD)	12.1lb (≤ 5.5Kg)
Height	2U
Dimensions	17.4"×17.0"×3.4" (442mm × 432mm × 86mm)
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



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