



VIGILANT PERFORMANCE SERIES



ALIBI PERFORMANCE SERIES 128-CHANNEL ULTRA H.265 NVR

Key Specifications:

- + Up to 128 IP cameras up to 12MP resolution recording
- + Powered by the Intel™ chipset that meet federal government compliance requirements
- + AI-Analytics Card adds ability to enable more video analytics with metadata
- + 512 Mbps recording capability
- + Support 2-ch HDMI, 1-ch VGA; HDMI up to 4K(3840x2160) resolution
- + HDMI1/HDMI2 and VGA independent outputs
- + 16 SATA HDD's, up to 16TB for each HDD
- + Supports RAID 0/1/5/6/10/50/60
- + Ultra H.265/H.265/H.264 codec support
- + ANR Network Storage
- + One-click Cloud firmware upgrading
- + Optional redundant power supply
- + Optional 4-port & 7-port HDMI decoding cards for Video Wall using ALI-NR1281X-16

The Alibi Vigilant Performance Series 128-Channel rack-mount NVR supports up to 128 IP cameras, 16 hard drive bays @ 22TB = 352TB Storage Capacity, and an incoming bandwidth of 512 Mbps. With a recording resolution of up to 12.0 MP, it delivers ultra-sharp, high-resolution images. Powered by the Intel™ chipset, this NVR meets federal government compliance requirements.

- + **Video Metadata Attributes** - Preinstalled AI Card adds 32-ch of Smart Intrusion Prevention features with video metadata using non-AI cameras to collect attributes such as vehicle color, person's gender, age, as well as face and vehicle comparison searching based on pictures uploaded to the NVR library. This makes Smart VCA searching even easier and faster to locate specific people or vehicles based on the event type and attributes selected.
- + **Sixteen hard drive bays** - with RAID redundant storage that ensures video and data is never lost in the event of hard drive failure.
- + **Ultra compression technology** - This NVR supports Ultra H.265, H.265, and H.264 video codecs that help reduce file size, maximize recording time and save hard drive space.
- + **Smart VCA detection** - This versatile recorder allows multiple selectable recording modes: intrusion, cross line, defocus and scene change detection, and VCA search. Recording features include event search, event log, and email notification.
- + **Intuitive interface** - Everything you need to manage your system at your fingertips. With an intuitive interface and access to the free ALIBI® Vigilant Mobile App and ALIBI® Vigilant CMS, managing your network has never been simpler. It's loaded with powerful features: drag-and-drop system and camera selection, customizable displays, device grouping, alarms and notifications, and remote system management.



SPECIFICATIONS

DECODING

Decoding Format	Ultra 265,H.265,H.264
Decoding Capability	3 x 12MP@25, 4 x 4K@30, 16 x 1080P@30, 32 x 960P@25, 36 x 720P@30, 64 x D1
Audio Compression	G.711A,G.711U

NETWORK

Incoming Bandwidth	512Mbps
Outgoing Bandwidth	512Mbps
Remote Users	128
Protocols	TCP/IP&P2P&UPnP&NTP&DHCP&PPPoE&HTTP&HTTPS&DNS&DDNS&SNMP&SMTP&NFS&RTSP&802.1x&IPV6
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	NVR816-64-R-IM-4G:64-ch NVR816-128-R-IM-8G:128-ch
RCA Audio Input	1-ch

VIDEO/AUDIO OUTPUT

HDMI Output	HDMI1/HDMI2:4K(3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	VGA:1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
RCA Audio Output	1-ch
Liveview 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

Two-way Audio	1-ch,RCA(Using the audio input and output)
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SNAPSHOT

FTP/Schedule/Event Snapshot	NVR816-64-R-IM-4G:64-ch snapshot,up to 4K resolution NVR816-128-R-IM-8G:128-ch snapshot,up to 4K resolution
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RECORDING

Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P /960P/720P/D1/2CIF/CIF
Synchronous Playback in Local	16-ch

SMART

VCA Detection by IPC	1-ch,RCA(Using the audio input and output)
Smart by NVR	Smart Intrusion Prevention (SIP)&Face Comparison&Video Metadata&(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
Smart by IPC	Total 64-ch(Face Detection, Face Comparison, Vehicle Detection, Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring)
Face Comparison by NVR with face detection cameras	NVR816-64-R-IM-4G:64-ch NVR816-128-R-IM-8G:128-ch
Face Comparison by NVR with normal cameras	NVR816-64-R-IM-4G:32-ch NVR816-128-R-IM-8G:64-ch
Face Picture Library	Up to 128 face picture libraries,with up to 500,000 face pictures in total
Search by Image	Support
Vehicle Picture Library	Up to 5 vehicle picture libraries,with up to 25,000 vehicle pictures in total
SIP by NVR	NVR816-64-R-IM-4G:32-ch NVR816-128-R-IM-8G:64-ch
UMD by NVR	NVR816-64-R-IM-4G:32-ch NVR816-128-R-IM-8G:64-ch
Video Metadata by NVR	NVR816-64-R-IM-4G:32-ch NVR816-128-R-IM-8G:64-ch
Video Metadata Type by NVR	Motor Vehicle: Vehicle Color, Vehicle Type, Vehicle Brand, Direction. Non-Motor Vehicle: Non-Motor Vehicle Type, Direction, Gender, Age, Upper Garment Length. Human Body: Gender, Age, Mask, Hairstyle, Bag Style, Direction, Upper Garment Length, Lower Garment Length.

ALARM

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



SPECIFICATIONS

HARD DISK

SATA	16 SATA Interfaces
Capacity	Up to 16TB for each disk (The maximum HDD capacity varies with environment temperature)
Disk Group	Support
Redundant Storage	Support
Disk Array Type	RAID 0,1,5,6,10,50,60

EXTERNAL INTERFACE

Network Interface	4 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	8-ch
eSATA	1
miniSAS	2
Power Output	12V
Power Supply	AC 100—240V
Power Switch	Support
Redundant Power Supply	Support

WORKING ENVIRONMENT

Working Temperature	-10°C ~ + 50°C (+14°F ~ +122°F)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤ 200W

DIMENSIONS

Weight (without HDD)	≤ 12.5Kg (27.56lb)
Height	3U
Dimensions	482mm × 533mm × 131mm (19.0"×21.0"×5.1")

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

DIMENSIONS

