



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
- + 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

128-Channel rack-mount NVR supports up to 128 IP cameras, sixteen hard drive bays up to 16TB, 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.

- + **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.
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SPECIFICATIONS

VIDEO/AUDIO INPUT

IP Video Input	64-ch	128-ch
Two-way Audio Input	1-ch, RCA	

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
Browser	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 OUTPUT

HDMI/VGA Output	VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI1/HDMI2: 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Audio Output	1-ch, RCA
Audio Compression	G.711A, G.711U
Synchronous Playback	16-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

SNAPSHOT

FTP/Schedule/Event Snapshot	64-ch snapshot, up to 4K resolution	128-ch snapshot, up to 4K resolution
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DECODING

Decoding Format	Ultra 265, H.265, H.264
Live View/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	3 x 12MP@25, 4 x 4K@30, 16 x 1080P@30, 32 x 960P@25, 36 x 720P@30, 64 x D1

HARD DISK

SATA	16 SATA interfaces
Capacity	up to 16TB for each HDD (The maximum HDD capacity varies with environment temperature)
Extension board	2
miniSAS	2 miniSAS ports
eSATA	1 eSATA interface
Disk Group	Support
Disk Array Type	RAID 0, 1, 5, 6, 10, 50, 60

SMART

VCA Detection by IPC	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Vehicle Control, Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), Ultra Motion Detection(UMD), Video Metadata, Traffic Monitoring
VCA Search	Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, Search by Image, People Counting Report
People Counting	People Flow Counting, Crowd Density Monitoring
Smart Intrusion Prevention (SIP), Vehicle Detection, Temperature Detection, UMD, Video Metadata, Traffic Monitoring by Camera	Total 64-ch
Face Picture Library	Up to 128 face picture libraries, with up to 500,000 face pictures in total

EXTERNAL INTERFACE

Network Interface	4 RJ-45 10M/100M/1000M adaptive Ethernet Interface
USB Interface	Front panel: 2 x USB2.0, Rear panel: 2 x USB3.0
RS232	1
RS485	1
Alarm In	24-ch
Alarm Out	8-ch
Power Output	12V

SPECIFICATIONS

GENERAL

Power Supply	100 - 240V AC Power Consumption: ≤ 65 W (without HDD)
Working Environment	-10°C - + 55°C (+14°F - +131°F), Humidity $\leq 90\%$ RH (non-condensing)
Dimensions	533mm \times 482mm \times 131.0mm (21.0" \times 19.0" \times 5.1")
Weight (without HDD)	≤ 12.5 Kg (27.56 lb)

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

