

# Network Video Recorder

## NVR504-E-IQ Series



### Features

- Support Ultra 265/H.265/H.264 video formats
- 16/32/64-channel input
- Support mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- Support 2 HDMI and 2 VGA. VGA1 and HDMI1 simultaneous output, VGA2 and HDMI2 simultaneous output. VGA1/HDMI1 and VGA2/HDMI2 independent output
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

### Specifications

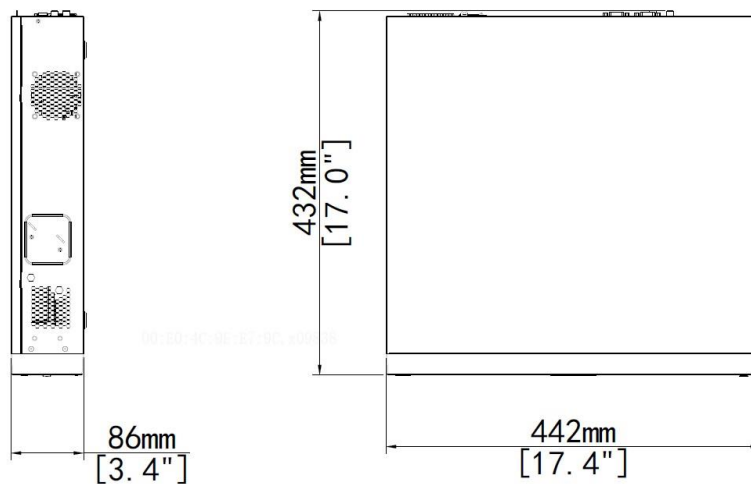
Decoding	Description
Decoding Format	Ultra 265,H.265,H.264
Decoding Capability	<p>NVR504-16E-IQ:Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 10 x 6MP@30, 12 x 5MP@30, 16 x 4MP@30, Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 8 x 6MP@30, 9 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30</p> <p>NVR504-64E-IQ: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</p> <p>NVR504-32E-IQ: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</p>

	5MP@30, 12 x 4MP@30, 16 x 3MP@30, 24 x 1080P@30, 32 x 720P@30
Audio Compression	G.711A, G.711U
<b>Network</b>	<b>Description</b>
Incoming Bandwidth	Smart Off: 384Mbps Smart On: 200Mbps
Outgoing Bandwidth	Smart Off: 384Mbps Smart On: 200Mbps
Remote Users	128
Protocols	TCP/IP; P2P; 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)
<b>Video/Audio Input</b>	<b>Description</b>
IP Video Input	NVR504-16E-IQ:16-ch NVR504-64E-IQ:64-ch NVR504-32E-IQ:32-ch
RCA Audio Input	1-ch
<b>Video/Audio Output</b>	<b>Description</b>
HDMI Output	HDMI:4K(3840x2160)/60Hz, 4K(3840x2160)/30Hz, 1920x1080p/60Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	VGA:1920x1080p/60Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
RCA Audio Output	2-ch
Liveview Display	NVR504-16E-IQ:1/4/6/8/9/16 NVR504-64E-IQ:1/4/6/8/9/16/25/36/64 NVR504-32E-IQ:1/4/6/8/9/16/25/32
Corridor Mode Screen	NVR504-16E-IQ:3/4/5/7/9/10/12/16 NVR504-64E-IQ/NVR504-32E-IQ:3/4/5/7/9/10/12/16/32
<b>Two-way Audio</b>	<b>Description</b>
Two-way Audio	1-ch,RCA(Using the audio input and output)
<b>Snapshot</b>	<b>Description</b>
FTP/Schedule/Event Snapshot	16-ch snapshot,up to 1080P resolution
<b>Recording</b>	<b>Description</b>
Recording Resolution	32MP/16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF
Num of Concurrent Playback	32-ch
Synchronous Playback in Local	16-ch
<b>Smart</b>	<b>Description</b>
VCA Detection by IPC	Face Detection; 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
Smart by NVR	face detection; Smart Intrusion Prevention (SIP); Ultra Motion Detection(UMD); AcuSearch(Human Body/Motor Vehicle)
VCA Search	Motor Vehicle Search; Non-Motor Vehicle Search; Human Body Search; General Search;

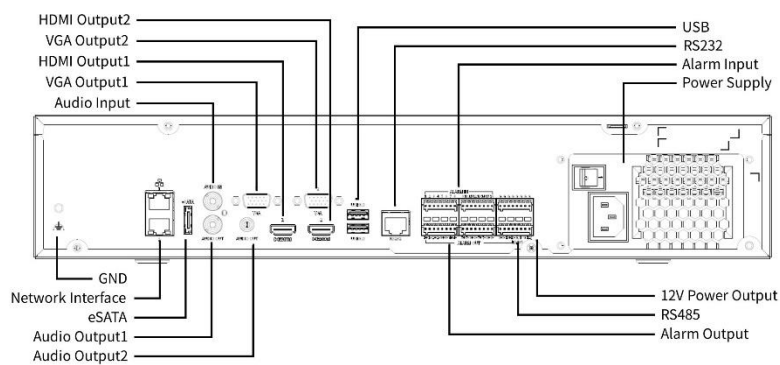
	People Counting Report; Heat Map
Smart by IPC	All channels (up to 16 images/s in total) Face Detection,face detection,Vehicle Detection,Temperature Detection,SIP,UMD,Video Metadata,Traffic Monitoring
Face Picture Library	Up to 128 face picture libraries,with up to 40,000 face pictures in total
Search by Image	Support
Vehicle Picture Library	Up to 5 vehicle picture libraries,with up to 25,000 vehicle pictures in total
SIP by NVR	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
<b>Alarm</b>	<b>Description</b>
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; Array Damaged; Array Degraded
<b>GUI Language</b>	<b>Description</b>
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
<b>Hard Disk</b>	<b>Description</b>
SATA	4 SATA Interfaces
Capacity	Up to 16TB for each HDD(The maximum HDD capacity varies with environment temperature)
Disk Group	Support
Redundant Storage	Support
Disk Array Type	RAID 0,1,5
<b>External Interface</b>	<b>Description</b>
Network Interface	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interface
Network Working Mode	Muli-access,load balance,network fault-tolerance
USB	Front panel: 2 x USB2.0; Rear panel: 2 x USB3.0
RS485	1
RS232	1
Alarm In	16-ch
Alarm Out	10-ch
eSATA	1
Power Output	12V
Power Supply	AC 100~240V
<b>Working Environment</b>	<b>Description</b>
Working Temperature	-10°C ~ + 55°C (+14°F ~ +131°F)

Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HD D)	≤ 50W
<b>Dimensions</b>	<b>Description</b>
Weight (without HDD)	≤ 5.5Kg (12.1lb)
Height	2U
Dimensions	442mm × 432mm × 86mm (17.4"×17.0"×3.4")
<b>Certification</b>	<b>Description</b>
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



## Rear Panel



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