

64CH 4K AI NVR



MODEL **TI-NR864N2-IQ**

KEY FEATURES

- Support Ultra 265/H.265/H.264 video formats
- 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
- Up to 32 Megapixels resolution recording
- Support N+1 Hot spare
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

TI-NR864N2-IQ

8 HDDs 64-ch 2U AI Network Video Recorder

SPECIFICATIONS

Model	TI-NR864N2-IQ
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 NVR508- 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
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, 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	
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	1-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)
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

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Model	TI-NR864N2-IQ
Smart	
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
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, 2 millions records for video Metadata
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, 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	8 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, 6, 10
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	1
Alarm In	16- ch
Alarm Out	10- ch
eSATA	1
Power Output	12V
Power Supply	AC 100~240V

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Model	TI-NR864N2-IQ
Working Environment	
Working Temperature	14 °F ~ 122 °F (- 10 °C ~ 50 °C)
Working Humidity	≤ 90% RH (non- condensing)
Power Consumption (without HDD)	≤ 35W
Dimensions	
Weight (without HDD)	≤ 12.1lb (5.5Kg)
Height	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total
SIP by NVR	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

Dimensions

