

## Model: NT-IN20840

Spec: 2/12M/RAID

H.265 40CH 4HDD NVR with RAID



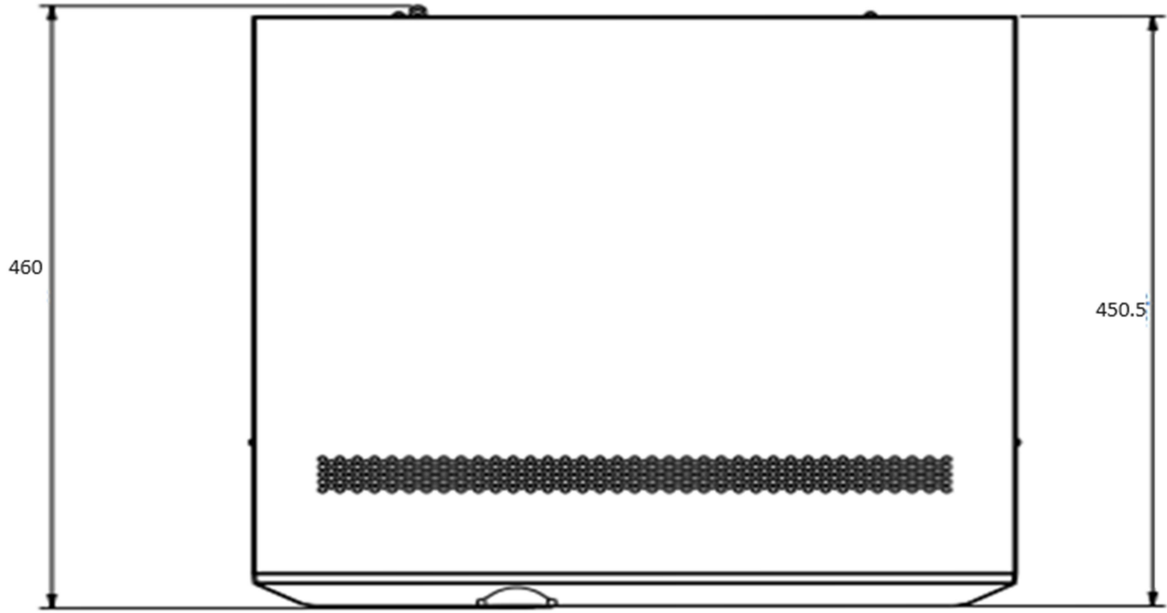
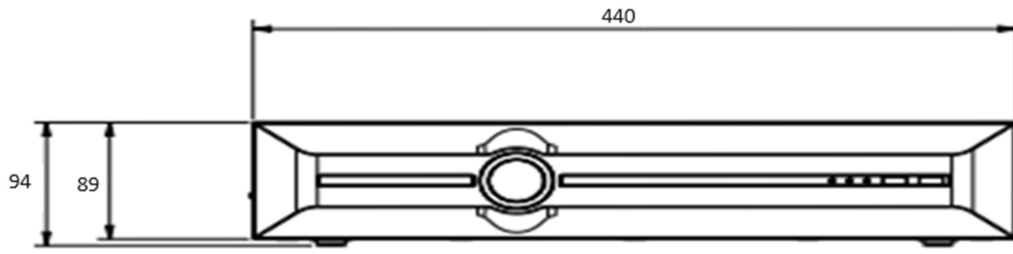
### Features

- S+265 Compression
- Up to 12MP Resolution Recording
- Support 40-ch Intelligent Analysis Process
- Smart Search & Recording
- Support ANR Function
- Cloud upgrade, IPC Cloud upgrade
- Plug in free
- 2x HDMI, 2x VGA, Different Video Source, Max Resolution 4K
- 4 SATA(Up to 10TB), Alarm I/O 16/4, Audio I/O 1/2, 3x USB
- Dual Gigabit Network Interfaces
- GUI User Interface, UI V3.0, Support free dragging of UI navigation bar
- Support JBOD, RAID0, RAID1, RAID5, RAID6, RAID10

Video/Audio Input	
<b>Processor</b>	8 Core Embedded Processor
<b>OS</b>	Embedded Linux
<b>Video Input</b>	40-ch
<b>Audio Input</b>	1-ch, 3.5mm
Network	
<b>Incoming Bandwidth</b>	400Mbps
<b>Outgoing Bandwidth</b>	200Mbps
<b>Mobile Software</b>	P2P/IP for IOS& Android
<b>Internet Protocol</b>	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, MULTICAST, UPnP, FTP, IPV4, NTP, SMTP, IGMP, 802.11x, QoS, IPV6, ARP, UDP, SNMP, SSL, SIP, Telnet, SNTP, RTMP, SFTP, NFS

<b>Email</b>	Activated by Alarm
<b>ANR</b>	Y
<b>User Access/Remote Connection</b>	Upto 160
<b>Browser</b>	Support all browsers, including IE, Safari, Chrome, Edge. (H.265 only supports configuration in non-IE kernel browsers)
<b>Advanced</b>	Remaining Bandwidth Display
<b>Video/Audio Output</b>	
<b>HDMI Output</b>	2-ch Resolution:3840×2160,2560×1600, 2560×1440, 1920×1080, 1280×720, 800×600,1024×768,1366×768,1440×900,1280×800
<b>VGA Output</b>	2-ch, Resolution 1920×1080, 1280×720, 1440×900, 1366×768, 1280×800, 1024×768, 800×600 Adjustable Output mode, Self-adaptive Resolution
<b>Audio Output</b>	1-ch BNC ,1-ch 3.5mm
<b>Recording Resolution</b>	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
<b>Synchronous Playback</b>	4-ch 4K/16-ch 1080P/720P/4CIF
<b>Display Split</b>	1/3/4/6/8/9/10/13/16/20/25/36/40/64
<b>Decoding</b>	
<b>Compression</b>	S+265/H.265/H.264H/H.264M/H.264B
<b>Preview Capability</b>	4-ch 4K/16-ch 1080P/32ch-720P/40ch-4CIF
<b>E-Zoom</b>	Y
<b>Hard Disk</b>	
<b>SATA</b>	4 SATA for 10 TB each HDD
<b>eSATA</b>	Y
<b>Capacity</b>	Up to 10TB Capacity for Each HDD (0~45℃)
<b>NTFS Files System</b>	Y
<b>HDD Management</b>	Group and Quota, Customized Recording Days
<b>RAID</b>	
<b>RAID Mode</b>	JBOD,RAID0,RAID1,RAID5,RAID6,RAID10 (>0℃, Each Raid Group Supports up to 100Mbps Input)
<b>RAID Management</b>	One-key Configuration, and Support Manual and Auto Rebuild
<b>External Interface</b>	
<b>HDMI Output</b>	2ch
<b>VGA Output</b>	2ch
<b>Network Interface</b>	2X RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces
<b>Serial</b>	2X RS-485, 1X RS-232

<b>Interface</b>	
<b>USB Interface</b>	1x USB3.0, 2x USB2.0
<b>Alarm In/Out</b>	16/4
<b>Advance</b>	
<b>Video Analytics(VC A)</b>	Camera VCA Function, including Tripwire/Double Tripwire/Perimeter/Object Abandon/Object Lost/Loitering/Running/Parking/Face Detection/Crowd/On duty Detection/Face Counting/People Counting/Alert/Auto tracking/Video Abnormal Detection/Audio Abnormal Detection/Video defocus diagnosis/Video scene transformation diagnosis
<b>I-Frame Record</b>	Y
<b>Image Flip</b>	Y, Only for Private Protocol
<b>Corridor Mode</b>	Y, Only for Private Protocol
<b>OSD</b>	16×16, 32×32, 24×24, 48×48, 64×64,96×96 Size Letters Such as Week, Date, Time, Total 5 Regions
<b>Smart Search</b>	Quickly Search Target VCA Videos , Only for Private Protocol
<b>Motion Detection</b>	Motion Detection Support ,Zone Base ,Recording
<b>Trigger Recording</b>	Manual/Timing/Motion Detection/Port Alarm/ VCA Alarm/Video Lost/Video Mask
<b>Smart Recording</b>	Set Recording Bit Rate for Different Time
<b>Alarm Recording</b>	Pre Alarm Default 10s (5/10/15/60s Optional) , Post Alarm Default 10s (10/15/30/60/600s Optional ).
<b>One Key Control</b>	Intercom, Recording ,one key add
<b>Records Format</b>	SDV, MP4
<b>Records Encryption</b>	Y
<b>Records Tag</b>	Y
<b>ONVIF</b>	ONVIF (Profile S),ONVIF through API support
<b>General</b>	
<b>Language</b>	English,Spanish,Korean,Italian,Turkish,Thai,Russian,Polish,French,Traditional Chinese,Simplified Chinese, Dutch, Hebrew (UI)
<b>Power Supply</b>	AC100~240V,50/60HZ
<b>Consumption( without HDD)</b>	≤ 80W
<b>Working Temperature</b>	-10 °C ~ +55 °C (+14 °F~ + 131 °F)
<b>Working Humidity</b>	10 % ~ 90 %
<b>Chassis</b>	2U
<b>Dimensions</b>	89mm×440mm×458mm
<b>Weight</b>	7.2KG (without HDD), 9.8KG (with Packing Box)
<b>Certification</b>	BIS



Product specification and design are subject to change without any prior notice.