

# 4K H.265 40CH 8HDD NVR

Model TC-NR5040M7-S8

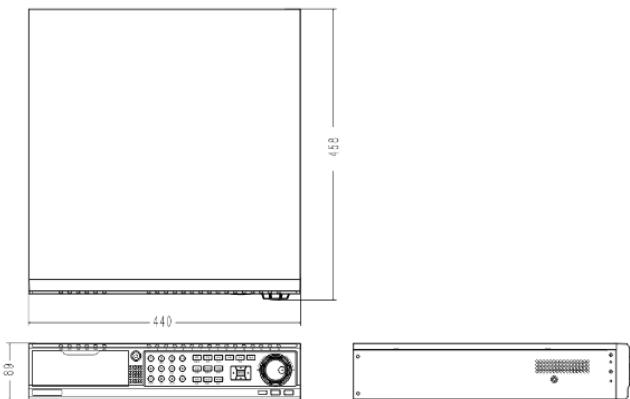
# Tiandy



## Features

- S+265 Compression
- Up to 4K Resolution Recording
- Support JBOD, RAID0, RAID1, RAID5, RAID10
- HDD Quota and Group Management
- Dual Gigabit Network Interfaces
- Support 40-ch Intelligent Analysis Process
- Support 2-ch Built-in Intelligent Analysis in H.264
- Smart Search&Recording, Plug&Play
- Support ANR Function
- Support N+M Hot Standby Function
- 2x HDMI, 2x VGA, Different Video Source, Max Resolution 4K
- 8 SATA(Up to 64TB), Alarm I/O 16/4, Audio I/O 1/2, 3x USB
- CE, FCC

## Dimensions



Video/Audio Input	
Incoming Bandwidth	400Mbps
IP Video	40-ch
Two-way Audio	1-ch, BNC(2.0 Vp-p, 1kΩ)
Video/Audio Output	
Outgoing Bandwidth	200Mbps
HDMI	2-ch Resolution:3840×2160,2560×1600, 2560×1440, 1920×1080 1280×720, 800×600,1024×768,1366×768,1440×900,1280×800
VGA	2-ch Resolution:1920×1080, 1280×720, 800×600,1024×768,1366×768 1440×900,1280×800 Adjustable Output mode, Self-adaptive Resolution
Frame Rate	Mainstream 25fps(P)/30fps(N) Substream 25fps(P)/30fps(N)
I-Frame Record	Y, Only Record Key Frame to Lower Frame Rate
Recording Resolution	4K(3840*2160,3264*2448,3296*2472)/6MP(2752*2208,3008*2008,2408*2008) 5MP(2560*1920,2592*1944,2592*1920,2528*2128/4MP(2560*1440,2592*1520) 3MP(2048*1536)/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Audio Output	2-ch, BNC(Linear Electrical Level, 600Ω),1-ch 3.5mm
Synchronous Playback	4-ch 4K/16-ch1080P/720P/4CIF
Decoding	
Compression	S+265/H.265/H.264H/H.264MH.264B 4K(3840*2160,3264*2448,3296*2472)/6MP(2752*2208,3008*2008,2408*2008) 5MP(2560*1920,2592*1944,2592*1920,2528*2128/4MP(2560*1440,2592*1520) 3MP(2048*1536)/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Live View/Playback	4-ch 4K/6MP/5-ch 5MP/8-ch 4MP/9-ch 3MP/16-ch 1080P/32-ch 720P/40-ch 4CIF
Capability	4-ch 4K/6MP/5-ch 5MP/8-ch 4MP/9-ch 3MP/16-ch 1080P/32-ch 720P/40-ch 4CIF
Display Split	1/4/6/8/9/10/16/20/25/36/40/64
E-Zoom	Y
Network	
Remote Connection	32 Users, Up to 160ch Videos
Browser	CHROME V45 or lower, IE, FIREFOX
Mobile Software	P2P/DDNS/IP for IOS&Android (App Name: Easylive)
Internet Protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE DDNS/NFS/FTP/NTP/HTTPS/RTSP/SMTP/SADP
Email	Activated by Alarm
ANR	Y
Advanced	Remaining Bandwidth Display, Flow Monitor, Capture Package
Hard Disk	
SATA	8 SATA for 8 HDDs
eSATA	Y, Only for Backup
Capacity	Up to 8TB Capacity for Each HDD(Seagate recommended)
NTFS File System	Y
HDD Management	Group and Quota, Customized Recording Days
RAID	
RAID Mode	JBOD,RAID0,RAID1,RAID5,RAID6,RAID10 (>0°C, Each Raid Group Supports up to 100Mbps Input)
Hot Backup Disk	Overall and Raid Hot Backup Disk
RAID Management	One-key Configuration, and Support Manual and Auto Rebuild
Redundant Recording	Y, Support 200Mbps Input
External Interface	
HDMI Output	2-ch
VGA Output	2-ch
Two-way Audio	1-ch, BNC(2.0 Vp-p, 1kΩ)
Audio Output	2-ch, BNC(Linear Electrical Level, 600Ω),1-ch 3.5mm
Network Interface	2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces
Serial Interface	2xRS-485, 1xRS-232
USB Interface	1xUSB3.0, 2xUSB2.0
Alarm In/Out	16/4
Advanced	
NAS	NFS Protocol, Support Manual Backup Only
Plug and Play	Y, Only for Tiandy Cameras
Image Flip	Y, Only for Tiandy Cameras
Hot Standby	N+M
Corridor Mode	Y, 16:9 to 9:16, Only for Tiandy Cameras Support 40-ch Camera VCAFunction, including Tripwire/Perimeter/Facial Detection
Video Analytics(VCA)	People Counting/Missing&Foreign Object/Crowd/Loitering/Fast Moving Parking/Off-position/Blurred Image/Audio Offline/Screaming Detection
Smart Search	Y
Trigger Recording	Manual/Timing/Motion Detection/Port Alarm/ VCA Alarm/Video Occlusion
Smart Recording	Manual/Timing/Motion Detection/Port Alarm/ VCA Alarm/Video Mask
Alarm Recording	Pre Alarm Default 10s (5/10/15/60s Optional) Post Alarm Default 10s (10/15/30/60/600s Optional).
One Key Control	Intercom, Recording
Records Format	SDV, Export MP4 in H.264 Format
Records Encryption	Y
Records Tag	Y
Onvif	Onvif(Profile S), SDK
General	
Language	English,Spanish,Korean,Italian,Turkish,Thai,Russian Polish,French,Traditional Chinese,Simplified Chinese
Power Supply	100 ~ 240V AC, 6.3A, 50 ~ 60Hz
Consumption(without HDD)	≤ 80W
Working Temperature	-10 °C ~ +55 °C (+14 °F~ + 131 °F)
Working Humidity	10 % ~ 90 %
Chassis	19" Rack Mount 2U Chassis, with 2pcs Ear Boards
Dimensions	89mm×440mm×458mm
Weight	7.2KG (without HDD), 9.8KG (with Packing Box)
S+265:	Tiandy enhanced H.265 codec
ANR:	Auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection(Only Support Tiandy ANR NVR)
Smart Search:	Greatly improve search speed for recorded video via VCA function

\* The latest product information / specification can be found at <http://en.tiandy.com/>



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