

TC-NR2040M7-S8

H. 265 40CH 8HDD NVR

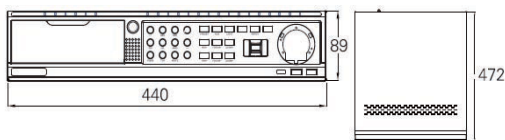
Tiandy



Key Features

- 40-ch 4K/6MP/5MP/4MP/3MP/1080P/720P/4CIF IP Camera Input
- 40-ch 4K/6MP/5MP/4MP/3MP/1080P/720P/4CIF Sub-stream D1 Realtime Display
- 4-ch 4K/6MP/5-ch 5MP/8-ch 4MP/9-ch 3MP/16-ch 1080P/32-ch 720P/40-ch 4CIF Realtime Display
- 4-ch 4K/6MP/5-ch 5MP/8-ch 4MP/9-ch 3MP/16-ch 1080P/720P/4CIF Sync Playback
- 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+1 Hot Standby Function
- 2x HDMI, 2x VGA, Different Video Source, Max Resolution 4K
- 8 SATA(Up to 48TB), Alarm I/O 16/4, Audio I/O 1/2, 3x USB
- CE, FCC

Dimensions



Video/Audio Input	
IP video input	40-ch
Two-way Audio Input	1-ch, BNC(2.0 Vp-p, 1kΩ)
Network	
Incoming Bandwidth	280Mbps
Outgoing Bandwidth	280Mbps
Remote Connection	32 Users, Up to 160ch Videos
Browser	IE8,IE9,IE10,IE11,Chrome30,Firefox24
Mobile Software	P2P&DDNS for IOS&Android (Tiandy: TD Viewer, Netural: Smartwatchman)
Internet Protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/HTTPS/RTSP/SMTP/HTTPS/SADP
Email	Activated by Alarm
ANR	Y, Auto download video from camera SD card, Which was stored when disconnection (Only Support Tiandy ANR IP Camera)
Advanced	Remaining Bandwidth Display, Flow Monitor, Capture Package
Video/Audio Output	
HDMI Output	2-ch Resolution: 3840×2160,2560×1600, 1920x1080, 1280x720,800x600, 1024x768, 1366x768, 1440x900, 1280x800
VGA Output	2-ch Resolution: 1920x1080, 1280x720,800x600, 1024x768, 1366x768, 1440x900, 1280x800 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/D/CIF/2CIF/CIF/QCIF
Audio Output	2-ch, BNC(Linear Electrical Level, 600Ω), 1-ch 3.5mm
Synchronous Playback	4-ch 4K/6MP/5-ch 5MP/8-ch 4MP/9-ch 3MP/16-ch 1080P/720P/4CIF
Decoding	
Live View/Playback	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/D/CIF/2CIF/CIF/QCIF
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
Hard Disk	
SATA	8 SATA for 8 HDDs
eSATA	Y, Only for Backup
Capacity	Up to 6TB Capacity for Each HDD
NTFS Files System	Y
HDD Management	Group and Quota, Customized Recording Days
RAID	
RAID Mode	JBOD,RAID0,RAID1,RAID5,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	
Network Interface	2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces
Serial Interface	2x RS-485, 1x RS-232
USB Interface	1x USB3.0, 2x USB2.0
Alarm In/Out	16/4
Advance	
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+1
Corridor Mode	Y, 16:9 to 9:16, Only for Tiandy Cameras
Video Analytics(VCA)	Support 40-ch Camera VCA Function, including Tripwire/Perimeter/Facial Detection/People Counting/Missing&Foreign Object/Crowd/Loitering/Fast Moving/Parking/Off-position/Blurred Image/Audio Offline/Screaming Detection
Smart Search	Quickly Search Target Videos according to Channel No., Records Type, Records Time, File Type and VCA(Only for Tiandy Cameras)
Trigger Recording	Manual/Timing/Motion Detection/Port Alarm/ VCA Alarm/Video Occlusion
Smart Recording	Set Different Recording Bite Rate for Different Time
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)
General	
Language	English, Spanish, Korean, Italian,Turkish,Thai, Russian, Traditional Chinese, French, Polish
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×472mm
Weight	7.2KG (without HDD), 9.8KG (with Packing Box)

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



Tiandy Digital Technology Co., Ltd. | en.tiandy.com

Add: No.8, Huake Rd2, Binhai Hi-Tech Industry(Huayuan), Tianjin 300384 China

Tel: +86-22-58596037 Email: sales@tiandy.com

