

# TC-NR2020M7-S4

H. 265 20CH 4HDD NVR

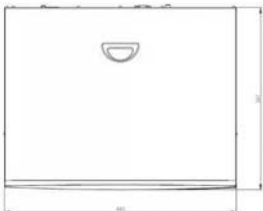
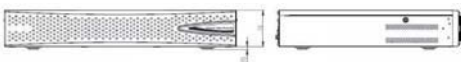
# Tiandy



## Key Features

- 20-ch 4K/6MP/5MP/4MP/3MP/1080P/720P/4CIF IP Camera Input
- 20-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/20-ch 720P/4CIF Realtime Display
- 4-ch 4K/6MP/5-ch 5MP/8-ch 4MP/9-ch 3MP/16-ch 1080P/720P/4CIF Synchronous Playback
- Third-party Network Cameras Supported
- Up to 4K Resolution Recording
- HDD Quota and Group Management
- Support 20-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
- 1x HDMI, 1x VGA, Same Video Source, Max Resolution 4K
- 4 SATA(Up to 24TB), Alarm I/O 16/4, Audio I/O 1/1, 2x USB
- CE, FCC, RoHS

## Dimensions



<b>Video/Audio Input</b>	
IP video input	20-ch
Two-way Audio Input	1-ch 3.5mm
<b>Network</b>	
Incoming Bandwidth	140Mbps
Outgoing Bandwidth	140Mbps
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, Neutral: Smartwatchman)
Internet Protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/HTTPS/RTSP/SMT P/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
<b>Video/Audio Output</b>	
HDMI Output	1-ch Resolution: 3840x2160, 2560x1600/1920x1080, 1280x720, 800x600, 1024x768, 1366x768, 1440x900, 1280x800
VGA Output	1-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/UXG A/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Audio Output	1-ch 3.5mm
Synchronous Playback Decoding	4-ch 4K/6MP/5-ch 5MP/8-ch 4MP/9-ch 3MP/16-ch 1080P/720P/4CIF
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/UXG A/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Capability	4-ch 4K/6MP/5-ch 5MP/8-ch 4MP/9-ch 3MP/16-ch 1080P/20-ch 720P/4CIF
Display Split	1/4/6/8/9/10/16/20/25
E-Zoom	Y
<b>Hard Disk</b>	
SATA	4 SATA for 4 HDDs
Interface Type	1 eSATA for Backup
Capacity	Up to 6TB Capacity for Each HDD
NTFS Files System	Y
HDD Management	Group and Quota, Customized Recording Days
<b>External Interface</b>	
Network Interface	1XRJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces
Serial Interface	1X RS-485, 1X RS-232
USB Interface	1x USB3.0, 1x USB2.0
Alarm In/Out	16/4
<b>Advance</b>	
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 20-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 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)
<b>General</b>	
Language	English, Spanish, Korean, Italian, Turkish, French, Thai, Russian, Traditional Chinese, Polish (Hebrew Optional)
Power Supply	DC12V 5A
Consumption(without HDD)	≤ 40W
Working Temperature	-10 °C ~ +55 °C (+14 °F ~ + 131 °F)
Working Humidity	10 % ~ 90 %
Chassis	19" Rack Mount 1.5U Chassis, with 2pcs Ear Boards
Dimensions	75mm×440mm×347mm
Weight	3.8KG (without HDD), 5.5KG (with Packing Box)

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



Tiandy Digital Technology Co., Ltd. | [en.tiandy.com](http://en.tiandy.com)

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