

# 4K H.265 20CH 2HDD NVR

Model TC-NR5020M7-S2

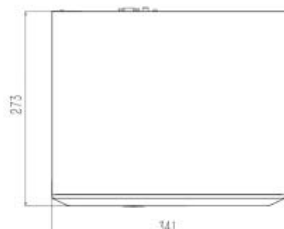
# Tiandy



## Features

- 20-ch 4K/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF IP Camera Input
- 4-ch 4K/16-ch 1080P/20-ch 720P/4CIF Realtime Display
- 20-ch Sub-stream 4CIF Realtime Display
- 4-ch 4K/16-ch 1080P/720P/4CIF Sync Playback
- Up to 4K Resolution Recording
- Bandwidth in/out 400Mbps/200Mbps
- HDD Quota and Group Management
- Dual Gigabit Network Interfaces
- Support 20-ch Intelligent Analysis Process
- Smart Search&Recording, Plug&Play
- Support ANR Function
- Support N+M Hot Standby Function
- 1x HDMI, 1x VGA, Same Video Source, Max Resolution 4K
- 2 SATA(Up to 8TB), Alarm I/O 0/1, Audio I/O 1/1, 2x USB
- CE, FCC, RoHS

## Dimensions



Specification	
<b>Video/Audio Input</b>	
IP video input	20-ch
Two-way Audio Input	1-ch 3.5mm
<b>Network</b>	
Incoming Bandwidth	400Mbps
Outgoing Bandwidth	200Mbps
Remote Connection	32 Users, Up to 160ch Videos
Browser	IE8,IE9,IE10,IE11,Firefox24
Mobile Software	P2P&DDNS for IOS&Android (Tiandy: Easylive, Neutral: Mobilelive)
Internet Protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/HTTPS/
Email	Activated by Alarm
ANR	Y, Auto download video from camera SD card, Which was stored when
Advanced	Remaining Bandwidth Display
<b>Video/Audio Output</b>	
HDMI Output	1-ch Resolution:3840×2160,2560×1600, 2560×1440, 1920×1080, 1280×720,
VGA Output	1-ch Resolution: 1920×1080, 1280×720, 800×600,1024×768,
Frame Rate	Mainstream 25fps(P)/30fps(N) Substream
I-Frame Record	Y
Recording Resolution	4K(3840*2160,3264*2448,3296*2472)/6MP(2752*2208,3008*2008,2408*2008)/5
Audio Output	1-ch 3.5mm
Synchronous Playback	4-ch 4K/16-ch 1080P/720P/4CIF
<b>Decoding</b>	
Live View/Playback	4K(3840*2160,3264*2448,3296*2472)/6MP(2752*2208,3008*2008,2408*2008)/5
Capability	4-ch 4K/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	2 SATA for 2 HDDs
Capacity	Up to 8TB Capacity for Each HDD
NTFS Files System	Y
HDD Management	Group and Quota, Customized Recording Days
<b>External Interface</b>	
Network Interface	1X RJ-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	0/1
<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+M
Corridor Mode	Y, 16:9 to 9:16, Only for Tiandy Cameras
Video Analytics(VCA)	Support 20-ch Camera VCA Function,Including Tripwire/Double
Smart Search	Quickly Search Target Videos according to Channel No., Records Type, Records
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
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,Thai, Russian, Traditional
Power Supply	DC12V 5A
Consumption(without	≤ 35W
Working Temperature	-10 °C ~ +55 °C (+14 °F~ + 131 °F)
Working Humidity	10 % ~ 90 %
Chassis	19" Rack Mount 1U Chassis, without Ear Boards, Need Order Extra
Dimensions	48.6mm×341mm×274mm
Weight	2.3KG (without HDD), 4KG (with Packing Box)

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

