

# 4K H.265 20CH 2HDD NVR

Model TC-NR5020M7-S2

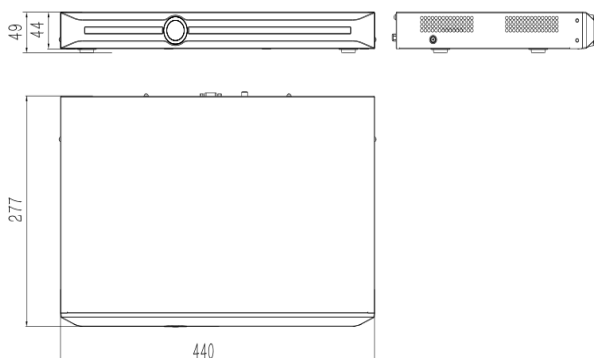
# Tiandy



## Features

- S+265 Compression
- 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

## Dimensions



Video/Audio Input	
Incoming Bandwidth	400Mbps
IP video	20-ch
Two-way Audio	1-ch 3.5mm
Video/Audio Output	
Outgoing Bandwidth	200Mbps
HDMI	1-ch Resolution:3840×2160,2560×1600, 2560×1440, 1920×1080, 1280×720, 800×600,1024×768,1366×768,1440×900,1280×800
VGA	1-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
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/U/XGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Audio	1-ch 3.5mm
Synchronous Playback	4-ch 4K/16-ch 1080P/720P/4CIF
Decoding	
Compression	S+265/H.265/H.264H/H.264M/H.264B
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/U/XGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
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
Network	
Remote Connection	32 Users, Up to 160ch Videos
Browser	CHROME V45 or lower, IE, FIREFOX
Mobile Software	P2P&DDNS for IOS&Android (App Name: Easylive)
Internet Protocol	IPv4/IPv6/HTTP/802.1x/FTP/SMTP/UPnP/SNMP DNS/DDNS/NTP/RTSP/TCP/UDP/DHCP/PPPoE
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
Hard Disk	
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
External Interface	
HDMI Output	1ch
VGA Output	1ch
Two-way Audio	1ch 3.5mm
Audio Output	1ch RCA
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
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
Video Analytics(VCA)	Support 20-ch Camera VCA Function,Including Tripwire/Double Tripwire/ Object Abandon/Object Lost/Running/Loitering/Parking/Early Warning/ Crowd/Face Detection/People Counting/Perimeter/Audio Abnormal Detection/ Video Abnormal Detection/On duty 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)
General	
Language	English,Spanish,Korean,Italian,Turkish,Thai,Russian Polish,French,Traditional Chinese,Simplified Chinese
Power Supply	DC12V 5A
Consumption(without HDD)	≤ 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	49mm×440mm×277mm
Weight	2.3KG (without HDD), 4KG (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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