

# H.265 20CH 1HDD NVR

Model TC-NR5020M7-S1

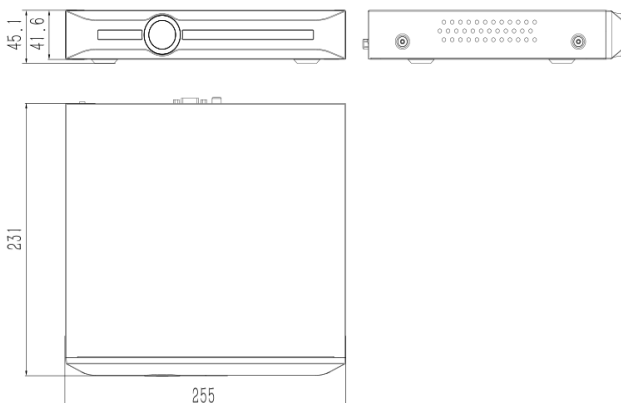
# Tiandy



## Features

- S+265 Compression
- 20-ch 4K/6MP/5MP/4MP/3MP/1080P/720P/4CIF IP Camera Input
- 1-ch 4K/4-ch 1080P/8-ch 720P/16-ch 4CIF Realtime Display
- 1-ch 4K/4-ch 1080P/720P/4CIF Synchronous Playback
- Third-party Network Cameras Supported
- Up to 4K Resolution Recording
- Support 20-ch Intelligent Analysis Process
- Smart Search&Recording, Plug&Play
- Support ANR Function
- Support N+1 Hot Standby Function
- 1x HDMI, 1x VGA, Same Video Source, Max Resolution 4K
- 1 SATA(Up to 4TB), Alarm I/O 0/1, 2x USB
- CE, FCC

## Dimensions



Video/Audio Input	
Incoming Bandwidth	60Mbps
IP video	20-ch
Audio	N/A
Video/Audio Output	
Outgoing Bandwidth	60Mbps
HDMI	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/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Audio	N/A
Synchronous Playback	1-ch 4K/4-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/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Capability	1-ch 4K/6MP/5MP/4MP/2-ch 3MP/4-ch 1080P/8-ch 720P/16-ch 4CIF
Display Split	1/4/6/8/9/10/13/16
E-Zoom	Y
Network	
Remote Connection	16 Users, Up to 48ch Videos
Browser	CHROME V45 or lower, IE, FIREFOX
Mobile Software	P2P&DDNS for IOS&Android (App Name: Easylive)
Internet Protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/ HTTPS /RTSP/SMTP/HTTPS/SADP/TCP-IP/IPFILTER/ALARMSEVER/IP SEARCH
Email	Activated by Alarm
ANR	Y
Advanced	Remaining Bandwidth Display
Hard Disk	
SATA	1 SATA for 1HDD
E-SATA	N/A
Capacity	Up to 4TB 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	N/A
Audio Output	N/A
Network Interface	1X RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces
Serial Interface	N/A
USB Interface	1x USB3.0, 1x USB2.0
Alarm In/Out	0/1
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)	Camera VCA Function, including Tripwire/Perimeter/Facial Detection People Counting/Missing&Foreign Object/Crowd/Littering/Fast Moving Parking/Off-position/Blurred Image/Audio Offline/Screaming Detection Quickly Search Target Videos according to Channel No., Records Type,
Smart Search	Records Time, File Type and VCA( Only for Tiandy Cameras )
Trigger Recording	Manual/Timing/Motion Detection/Port Alarm/ VCA Alarm/Video Mark
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 2A
Consumption(without HDD)	≤ 10W
Working Temperature	-10 °C ~ +55 °C (+14 °F~ + 131 °F)
Working Humidity	10 % ~ 90 %
Chassis	1U
Dimensions	44mm×255mm×231mm
Weight	0.9KG (without HDD), 1.4KG (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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