

# Model TC-R524320 Spec: E/B/N

H.265 320CH 24HDD HOT SWAP NVR

# Tiandy



## Features

- Recording resolution  
12MP/4K/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/D  
CIF/2CIF/CIF/QCIF IP Camera Input
- Up to 12MP Resolution Recording
- Bandwidth in/out 1280Mbps/640Mbps
- JBOD,RAID0,RAID1,RAID5,RAID6,RAID10, RAID50, RAID60 (>0  
°C, Each Raid Group Supports up to 100Mbps Input)
- HDD Quota and Group Management
- 4X 100/1000Mbps Self-adaptive Ethernet Interfaces,4  
1000Mbps optical port
- Support 320-ch Intelligent Analysis Process
- Smart Search&Recording, Plug&Play
- Support ANR Function
- Support N+M Hot Standby Function
- 2x HDMI, 1x VGA, Different Video Source, Max Resolution 4K
- 24 SATA, Alarm I/O 8 plus36 switch value /4 plus 18 switch  
value, Audio I/O 1/1, 4x USB,10x RS-485, 1x RS-232
- 1+1 redundant power
- CE, FCC

## Specification

<b>Video/Audio Input</b>	
Video Input	320-ch
Audio Input	1-ch, 3.5mm
<b>Network</b>	
Incoming Bandwidth	1280Mbps
Outgoing Bandwidth	640Mbps
Mobile Software	P2P&DDNS for IOS&Android
Internet Protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/FTP/NTP/RTSP/SMTP/SADP/SNMP
Email	Activated by Alarm
ANR	Y
Remote Connection	160
Browser	Support all browsers, including IE, Safari, Chrome, Edge. (H.265 only supports configuration in non-IE kernel browsers)
Advanced	Remaining Bandwidth Display, Flow Monitor, Capture Package
<b>Video/Audio Output</b>	
HDMI Output	2-ch Resolution: 4096*2160, 3840*2160, 2560*1600, 1600*1200, 3840*2160,2560*1600, 2560*1440, 1920*1080, 1280*720, 800*600,1024*768, 1366*768,1440*900,1280*800
VGA Output	1-ch Resolution: 1920*1080, 1600x1200, 1280x1024, 1280*720, 800*600,1024*768, 1366*768,1440*900,1280*800
Audio Output	1-ch 3.5mm
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous Playback	5-ch 4K/16-ch 1080P/720P/4CIF
Display Split	1/3/4/6/8/9/10/13/16/20/25/36/40/64
<b>Decoding</b>	
Compression	S+265/H.265/H.264H/H.264M/H.264B
Preview Capability	5-ch 4K/16-ch 1080P/32ch-720P/64ch-4CIF
E-Zoom	Y
<b>Hard Disk</b>	
SATA	24 SATA for 24 HDDs (Hot Swap)
eSATA	Y
Capacity	Up to 10TB Capacity for Each HDD (0~45°C)
NTFS Files System	Y
HDD Management	Group and Quota, Customized Recording Days
<b>RAID</b>	
RAID Mode	JBOD,RAID0,RAID1,RAID5,RAID6,RAID10, RAID50, RAID60
RAID Management	One-key Configuration, and Support Manual and Auto Rebuild



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External Interface	
HDMI Output	2ch
VGA Output	1ch
POE	N/A
Network Interface	4 100/1000Mbps Self-adaptive Ethernet Interfaces,4 1000Mbps optical port
Serial Interface	10 x RS-485, 1 x RS-232
USB Interface	2x USB3.0, 2x USB2.0
Alarm In/Out	8 plus36 switch value /4 plus 18 switch value(extended board)
Advance	
Video Analytics(VCA)	Tripwire/Double Tripwire/Perimeter/Object Abandon/Object Lost/Running/Loitering/Parking/Early Warning/Crowd/Face Detection/People Counting/Audio Abnormal Detection/Video Abnormal Detection/On duty Detection/intelligent tracking/Heat map
I-Frame Record	Y
Plug and Play	N/A
Image Flip	Y, Only for Tiandy Cameras
Corridor Mode	Y, Only for Tiandy Cameras
Smart Search	Quickly Search Target VCA Videos , Only for Tiandy Cameras
Trigger Recording	Manual/Timing/Motion Detection/Port Alarm/ VCA Alarm/Video Lost/Video Mask
Smart Recording	Set Recording Bit 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,one key add
Records Format	SDV, MP4
Records Encryption	Y
Records Tag	Y
Onvif	Onvif(Profile S)
General	
Language	English,Simplified Chinese
Power Supply	100 ~ 240V AC, 50 ~ 60Hz
Consumption(without HDD)	Max 610w,Average 650w
Working Temperature	0℃~50℃
Working Humidity	10 % ~ 90 %
Chassis	4U
Dimensions	542mm×446.6mm×173.8mm
Weight	25Kg (without HDD)

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



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