

Model TC-NR5320M7-E24

4K H.265 320CH 24HDD HOT SWAP NVR

Tiandy



Features

- Recording resolution 4K/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF IP Camera Input
- Up to 4K 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 160-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 plus 36 switch value /4 plus 18 switch value, Audio I/O 1/1, 4x USB
- CE, FCC

Specification

| Video/Audio Input | |
|----------------------|--|
| Video Input | 320-ch |
| Audio Input | 1-ch, 3.5mm |
| Network | |
| Incoming Bandwidth | 1280Mbps |
| Outgoing Bandwidth | 640Mbps |
| Mobile Software | P2P&DDNS for IOS&Android |
| Internet Protocol | TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/HTTPS/RTSP/SMTP/HTTPS/SADP/SNMP |
| 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, Flow Monitor, Capture Package |
| Video/Audio Output | |
| HDMI Output | 2-ch Resolution:3840×2160,2560×1600, 2560×1440, 1920×1080, 1280×720, |
| VGA Output | 1-ch Resolution: 1920×1080, 1600x1200, 1280x1024, 280×720, 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, 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/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF |
| Audio Output | 2-ch, 1-ch BNC(Linear Electrical Level, 600Ω), 1-ch 3.5mm |
| Synchronous Playback | 4-ch 4K/6MP/5-ch 5MP/8-ch 4MP/9-ch 3MP/16-ch 1080P/720P/4CIF |
| Decoding | |
| Live View/Playback | 12MP/4K/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF |
| Capability | 4-ch 4K/6MP/5-ch 5MP/8-ch 4MP/9-ch 3MP/16-ch 1080P/32-ch 720P/64-ch 4CIF |
| Display Split | 1/3/4/6/8/9/10/13/16/20/25/32/36/40/64 |
| E-Zoom | Y |
| Hard Disk | |
| SATA | 24 SATA for 24 HDDs (Hot Swap) |
| eSATA | Y, Only for Backup |
| Capacity | Up to 10TB Capacity for Each HDD |
| NTFS Files System | Y |
| HDD Management | Group and Quota,Customized Recording Days |
| RAID | |
| RAID Mode | JBOD,RAID0,RAID1,RAID5,RAID6,RAID10, RAID50, RAID60 (>0 °C, Each Raid Group Supports up to 100Mbps Input) |
| Hot Backup Disk | Overall and Raid Hot Backup Disk |
| RAID Management | One-key Configuration, and Support Manual and Auto Rebuild |
| Redundant Recording | Y, Support 200Mbps Input |



Model TC-NR5320M7-E24

4K H.265 320CH 24HDD HOT SWAP NVR

Tiandy

| External Interface | |
|--------------------------|---|
| Network Interface | 4 100/1000Mbps Self-adaptive Ethernet Interfaces,,4 1000Mbps optical port |
| Serial Interface | 10 RS-485, 1 RS-232 |
| USB Interface | 2x USB3.0, 4x USB2.0 |
| Alarm In/Out | 8 plus 36 switch value /4 plus 18 switch value(extended board) |
| 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+M |
| Corridor Mode | Y, 16:9 to 9:16, Only for Tiandy Cameras |
| 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 |
| 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/Video Occlusion |
| Smart Recording | Set Different 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, Traditional Chinese,Simplified Chinese, French, Polish |
| Power Supply | 100 ~ 240V AC, 50 ~ 60Hz,1+1 redundant power |
| 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/>

