

TC-NR2080M7-E16

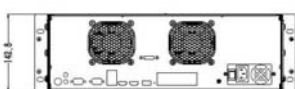
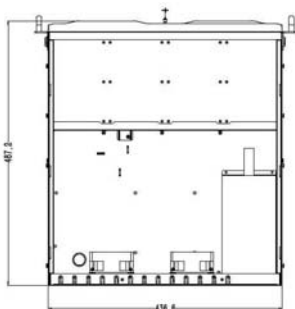
H. 265 80CH 16HDD HOT SWAP NVR



Key Features

- 80-ch 4K/6MP/5MP/4MP/3MP/1080P/720P/4CIF IP Camera Input
- 64-ch Sub-stream D1 Realtime Display
- 4-ch 4K/6MP/5-ch 5MP/8-ch 4MP/9-ch 3MP/16-ch 1080P/32-ch 720P/64-ch 4CIF Realtime Display
- 4-ch 4K/6MP/5-ch 5MP/8-ch 4MP/9-ch 3MP/16-ch 1080P/720P/4CIF Sync Playback
- Up to 4K Resolution Recording
- Support JBOD, RAID0, RAID1, RAID5, RAID10
- HDD Quota and Group Management
- Dual Gigabit Network Interfaces
- Support 80-ch Intelligent Analysis Process
- Support 2-ch Built-in Intelligent Analysis in H.264
- Smart Search&Recording, Plug&Play
- Support ANR Function
- Support N+1 Hot Standby Function
- 2x HDMI, 2x VGA, Different Video Source, Max Resolution 4K
- 16 SATA(Up to 96TB), Alarm I/O 16/4, Audio I/O 1/2, 3x USB
- CE, FCC

Dimensions



| | |
|---------------------------|--|
| Video/Audio Input | |
| IP video input | 80-ch |
| Two-way Audio Input | 1-ch,3.5mm |
| Network | |
| Incoming Bandwidth | 400Mbps |
| Outgoing Bandwidth | 200Mbps |
| Remote Connection | 32 Users, Up to 160ch Videos |
| Browser | IE8,IE9,IE10,IE11,Chrome30,Firefox24 |
| Mobile Software | P2P&DDNS for IOS&Android (Tiandy: TD Viewer, Netural: Smartwatchman) |
| Internet Protocol | TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/HTTPS/RTSP/SMT P/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:3840×2160,2560×1600,1920×1080,1280×720,800×600,1024×768,1366×768,1440×900,1280×800 |
| VGA Output | 2-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, 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 | 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 | 4-ch 4K/6MP/5-ch 5MP/8-ch 4MP/9-ch 3MP/16-ch 1080P/32-ch 720P/64-ch 4CIF |
| Display Split | 1/4/6/8/9/10/16/20/25/36/40/64 |
| E-Zoom | Y |
| Hard Disk | |
| SATA | 16 SATA for 16 HDDs (Hot Swap) |
| eSATA | Y, Only for Backup |
| Capacity | Up to 6TB Capacity for Each HDD |
| NTFS Files System | Y |
| HDD Management | Group and Quota,Customized Recording Days |
| RAID | |
| RAID Mode | JBOD,RAID0,RAID1,RAID5,RAID10 (>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 |
| External Interface | |
| Network Interface | 2 RJ-45 100/1000Mbps Self-adaptive Ethernet Interfaces |
| Serial Interface | 2 RS-485, Keyboard |
| USB Interface | 1x USB3.0, 2x USB2.0 |
| Alarm In/Out | 16/4 |
| 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) | Support 80-ch Camera VCA Function, including Tripwire/Perimeter/Facial Detection/People Counting/Missing&Foreign Object/Crowd/Loitering/Fast Moving/Parking/Off-position/Blurred Image/Audio Offline/Screaming 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/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 | Support 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, French, Polish |
| Power Supply | 100 ~ 240V AC, 6.3A, 50 ~ 60Hz |
| Consumption(without HDD) | ≤ 100W |
| Working Temperature | -10 °C ~ +55 °C (+14 °F~ + 131 °F) |
| Working Humidity | 10 % ~ 90 % |
| Chassis | 19" Rack Mount 3U Chassis, with 2pcs Ear Boards |
| Dimensions | 142.8mm×436.6mm×487.2mm |
| Weight | 12KG (without HDD), 15KG (with Packing Box) |

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



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