

## H.265 80CH 8HDD HOT SWAP NVR



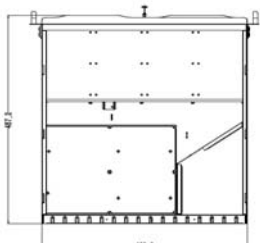
### MODEL

TC-NR2080M7-E8

### FEATURES

- 80-ch 4K/6MP/5MP/4MP/3MP/1080P/720P/4CIF IP Camera Input
- 80-ch 4K/6MP/5MP/4MP/3MP/1080P/720P/4CIF 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
- Third-party Network Cameras Supported
- Up to 4K Resolution Recording
- Support JBOD, RAID0, RAID1, RAID5, RAID10
- HDD Quota and Group Management
- Dual Gigabit Network Interfaces
- Support 40-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
- 8 SATA(Up to 48TB), Alarm I/O 16/4, 3x USB

### DIMENSIONS



### SPECIFICATIONS

<b>Video/Audio Input</b>	
IP Video Input	80-ch
Two-way Audio Input	1-ch,3.5mm
<b>Network</b>	
Incoming Bandwidth	400Mbps
Outgoing Bandwidth	200Mbps
Remote Connection	32
Browser	IE 7+, Chrome 18 +, Firefox 5.0 +
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/SFTP/HTTPS/SADP/SNMP
Email	Activated by Alarm
ANR	Download Stored Video Automatically from Camera SD Card, When NVR was Offline
Advanced	Remaining Bandwidth Display, Flow Monitor, Capture Package
<b>Video/Audio Output</b>	
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 Decoding	4-ch 4K/6MP/5-ch 5MP/8-ch 4MP/9-ch 3MP/16-ch 1080P/720P/4CIF
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 Display Split	4-ch 4K/6MP/5-ch 5MP/8-ch 4MP/9-ch 3MP//16-ch 1080P/32-ch 720P/64-ch 4CIF
E-Zoom	Y
<b>Hard Disk</b>	
SATA	8 SATA for 8 HDDs (Hot Swap)
Interface Type	1 eSATA for Backup
Capacity	Up to 6TB Capacity for Each HDD
NTFS Files System	Y
HDD Management	Group and Quota, Customized Recording Days
<b>RAID</b>	
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
<b>External Interface</b>	
Network Interface	2 RJ-45 10/100/1000Mbps Self-adaptive Ethernet Interfaces
Serial Interface	2x RS-485, 1x RS-232
USB Interface	1x USB3.0, 2x USB2.0
Alarm In/Out	16/4
<b>Advance</b>	
IPC Management	IPC Centralized Management
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
IVA (Intelligent Video Analytics)	Support 80-ch Camera IVA Function, including Tripwire/Perimeter/Facial Detection/People Counting/Missing&Foreign Object/Crowd/Loitering/Fast Moving/Parking/Off-position/Blurry Image/Audio Offline/Screaming Detection
Smart Search	Quickly Search Target Videos according to Channel No., Records Type, Records Time, File Type and IVA( Only for Tiandy Cameras )
Trigger Recording	Manual/Timing/Motion Detection/Port Alarm/ IVA Alarm/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)
<b>General</b>	
Language	English, Spanish, Korean, Italian,Turkish,French, Thai, Russian, Simple Chinese, Traditional Chinese,Polish (Hebrew Optional)
Power Supply	100 ~ 240V AC, 6.3A, 50 ~ 60Hz
Consumption(without HDD)	≤ 80W
Working Temperature	-10 °C ~ +55 °C (+14 °F~ + 131 °F)
Working Humidity	10 % ~ 90 %
Chassis	19" Rack Mount 2U Chassis, with 2pcs Ear Boards
Dimensions	87.8mm×436.6mm×487.2mm
Weight	≤ 9KG (without HDD), 10KG (with Packing Box)