

H.265 80CH 16HDD HOT SWAP NVR



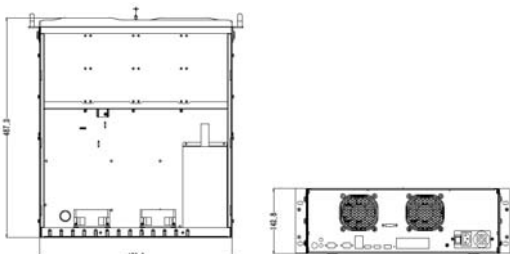
MODEL

TC-NR2080M7-E16

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 80-ch Intelligent Analysis Process
- Support 2-ch Built-in Intelligent Analysis in H.264t
- 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, 3x USB

DIMENSIONS



SPECIFICATIONS

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
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/SMTP/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
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: 1920x1080,1280x720,800x600,1024x768,1366x768,1440x900,1280x800 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)
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
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	
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/Blurred 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)
General	
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 3U Chassis, with 2pcs Ear Boards
Dimensions	142.8mm×436.6mm×487.2mm
Weight	12KG (without HDD), 13KG (with Packing Box)