Model TC-R31680 Spec:E/B/N

H.265 160CH 16HDD HOT SWAP NVR

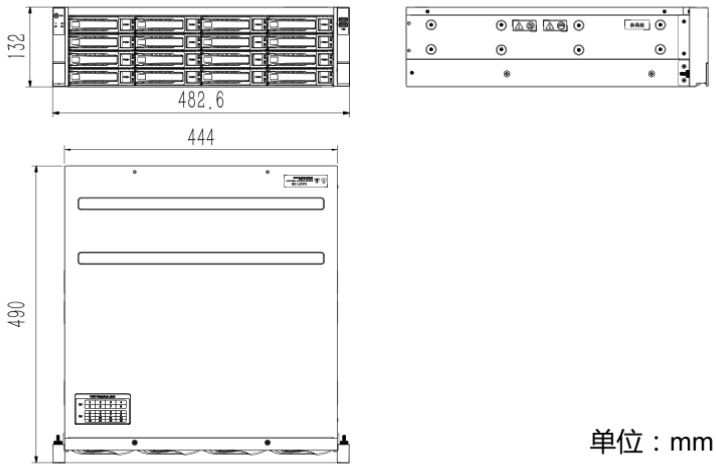
Tiandy



Features

- S+265 Compression
- Up to 12MP Resolution Recording
- Support 80-ch Intelligent Analysis Process
- Smart Search&Recording
- Support ANR Function
- Cloud upgrade,IPC Cloud upgrade
- Plug in free
- 2x HDMI, 2x VGA, Different Video Source, Max Resolution 4K
- 16 SATA(Up to 10TB), Alarm I/O 16/4, Audio I/O 1/2, 3x USB
- Dual Gigabit Network Interfaces
- UI V3.0,Support free dragging of UI navigation bar
- Support JBOD, RAID0, RAID1, RAID5, RAID6, RAID10
- CE, FCC

Dimensions



单位：mm

Specification

Video/Audio Input	
Video Input	80-ch
Audio Input	1-ch, 3.5mm
Network	
Incoming Bandwidth	400Mbps
Outgoing Bandwidth	**200**Mbps
Mobile Software	P2P/IP for IOS&Android (App Name: Easylive)
Internet Protocol	TCP/UDP/HTTP/MULTICAST/UPnP/DHCP/PPPoE/DDNS/FTP/NTP/RTSP/SMTP/SADP/SNMP Etc
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

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Video/Audio Output	
HDMI Output	2-ch Resolution:3840×2160,2560×1600，2560×1440，1920×1080，1280×720，800×600,1024×768,1366×768,1440×900,1280×800
VGA Output	2-ch, Resolution 1920×1080，1280×720，1440×900, 1366×768, 1280×800，1024×768，800×600
Audio Output	1-ch BNC ,1-ch 3.5mm
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous Playback	4-ch 4K/16-ch 1080P/720P/4CIF
Display Split	1/3/4/6/8/9/10/13/16/20/25/36/40/64
Decoding	
Compression	S+265/H.265/H.264H/H.264M/H.264B
Preview Capability	4-ch 4K/16-ch 1080P/32ch-720P/64ch-4CIF
E-Zoom	Y
Hard Disk	
SATA	16SATA for 16 HDDs (Hot Swap)
eSATA	Y
Capacity	Up to 10TB Capacity for Each HDD（0~45℃）
NTFS Files System	Y
HDD Management	Group and Quota, Customized Recording Days
RAID	
RAID Mode	JBOD,RAID0,RAID1,RAID5,RAID6,RAID10 (>0℃, Each Raid Group Supports up to 100Mbps Input)
RAID Management	One-key Configuration, and Support Manual and Auto Rebuild
External Interface	
HDMI Output	2ch
VGA Output	2ch
POE	N/A
Network Interface	2X 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
Advance	
Video Analytics(VCA)	Camera VCA Function, including Tripwire/Double Tripwire/Perimeter/Object Abandon/Object Lost/Loitering/Running/Parking/Face Detection/Crowd/On duty Detection/Face Counting/People Counting/Alert/Auto tracking/Heat map/Video Abnormal Detection/Audio Abnormal Detection/Video defocus diagnosis/Video scene transformation diagnosis
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,Spanish,Korean,Italian,Turkish,Thai,Russian,Polish,French,Traditional Chinese,Simplified Chinese，Dutch, Hebrew（UI）
Power Supply	AC100~240V,50/60HZ
Consumption(without HDD)	≤ 80W
Working Temperature	-10 ºC ~ +55 ºC (+14 ºF~ + 131 ºF)
Working Humidity	10 % ~ 90 %
Chassis	3U
Dimensions	132mm×482.6mm×490mm
Weight	≤11Kg (without HDD)

CE FC