

# Model TC-R3120 Spec:I/B

H.265 20CH 1HDD NVR

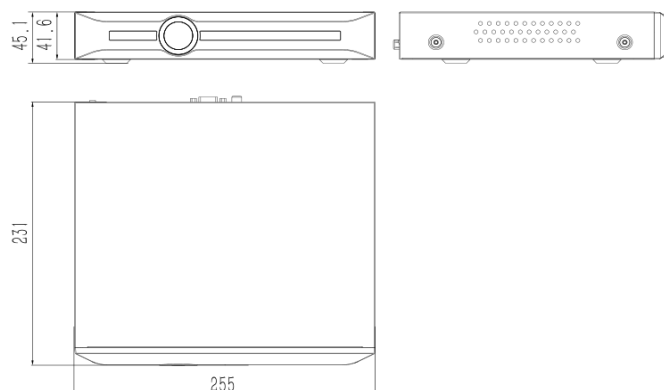
# Tiandy



## Features

- S+265 Compression
- Up to 4K Resolution Recording
- Support 20-ch Intelligent Analysis Process
- Smart Search&Recording
- Support ANR Function
- Cloud upgrade,IPC Cloud upgrade
- Plug in free
- 1x HDMI, 1x VGA, Same Video Source, Max Resolution 4K
- 1 SATA(Up to 10TB), 2x USB
- UI V3.0,Support free dragging of UI navigation bar
- CE, FCC

## Dimensions

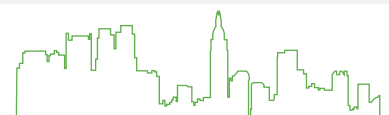


## Specification

Video/Audio Input	
Video Input	20ch
Audio Input	N/A
Network	
Incoming Bandwidth	80Mbps
Outgoing Bandwidth	80Mbps
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	64
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	1-ch, Resolution 3840×2160,2560×1600, 2560×1440, 1920×1080, 1280×720, 800×600,1024×768,1366×768,1440×900,1280×800
VGA Output	1-ch, Resolution 1920×1080, 1280×720, 1440×900, 1366×768, 1280×800, 1024×768, 800×600 Adjustable Output mode, Self-adaptive Resolution
Audio Output	N/A
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous Playback	1-ch 4K/4-ch 1080P/8-ch 720P/16-ch 4CIF
Display Split	1/3/4/6/8/9/10/13/16/20A/20B
Decoding	
Compression	S+265/H.265/H.264H/H.264M/H.264B
Preview Capability	1-ch 4K/4-ch 1080P/8-ch 720P/16-ch 4CIF
E-Zoom	Y
Hard Disk	
SATA	1 SATA for 1 HDD
eSATA	N/A
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	N/A
RAID Management	N/A
External Interface	
HDMI Output	1ch
VGA Output	1ch
POE	N/A
Network Interface	1 RJ-45 10/100 Self-adaptive Ethernet Interfaces
Serial Interface	N/A
USB Interface	2 x USB2.0
Alarm In/Out	N/A
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/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
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	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	DC12V 3.33A
Consumption(without HDD)	≤ 10W
Working Temperature	-10 °C ~ +55 °C (+14 °F~ + 131 °F)
Working Humidity	10 % ~ 90 %
Chassis	1U
Dimensions	45mm×255mm×231mm
Weight	0.8KG (without HDD), 1.4KG (with Packing Box)

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

