

# Tiandy



## TC-R31680 Spec: E/B/N

# H.265 16HDD 80ch NVR



Pro Series

## KEY FEATURES

### HD Input

- S+265/H.265/H.264 video formats
- Connectable to the third-party network cameras
- Up to 80 IP cameras can be connected
- Supports live view, storage, and playback of the connected camera at up to 12MP resolution

### HD Output

- HDMI and VGA independent outputs
- HDMI Video output at up to 4K (3840 × 2160) resolution

### HD Storage

- 16 SATA interfaces connectable for recording and backup on the front panel, up to 10TB for each HDD
- S+265 compression effectively reduces the storage space and costs by up to 75%

### HD Transmission

- 2 self-adaptive 10/100/1000 Mbps network interfaces

### Stability assurance

- Hot swap HDD

### Various Applications

- Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectable to smart IP cameras from Tiandy and the recording, playing back, and backing up of VCA alarms can be realized
- VCA detection alarm is supported
- Smart search for the selected area in the video and smart playback to improve the playback efficiency
- Web6 supports plug-in-free browsing and can preview videos on all browsers



## SPECIFICATIONS

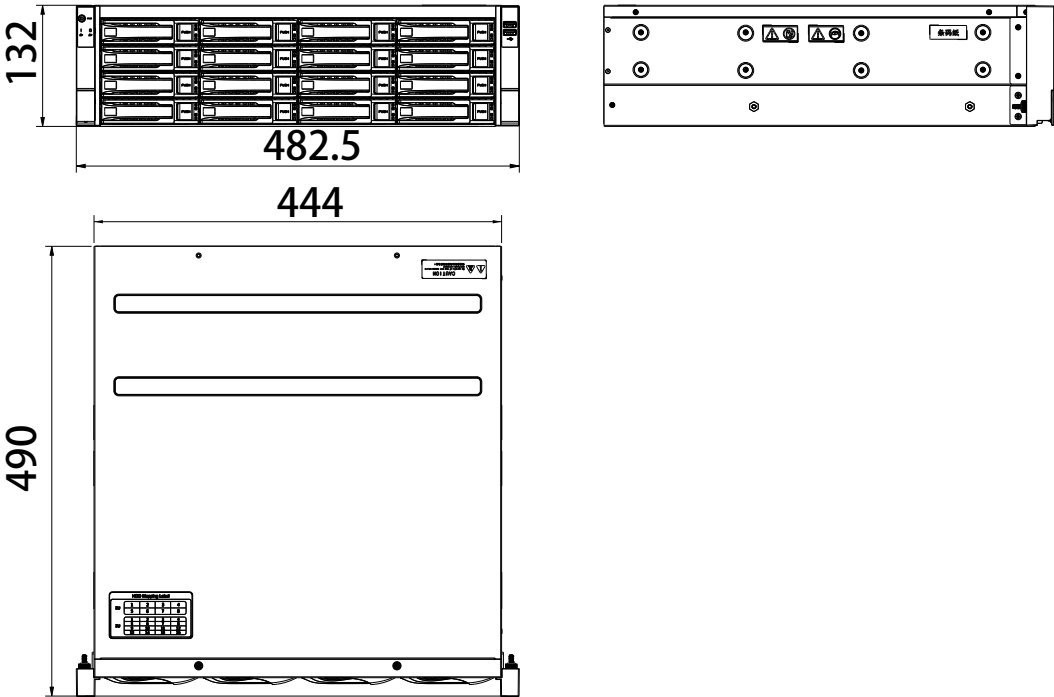
Input	
Video Input	80-ch
Max Resolution	12MP
Two-way Audio Input	1-ch, 3.5mm
Bandwidth	Income 320Mbps; Outgoing 320Mbps
Output	
HDMI/VGA Output	HDMI 2-ch, 3840×2160, 2560×1600, 2560×1440, 1920×1080, 1440×900, 1366×768, 1280×800, 1280×720, 1024×768, 800×600 VGA 2-ch, 1920×1080, 1440×900, 1366×768, 1280×800, 1280×720, 1024×768, 800×600
Screen Split	1/3/4/6/8/9/10/13/16/20A/20B/25/32/36/40/64
Audio Output	1×3.5mm, 1×BNC
Decoding	
Decoding Format	S+265/H.265/H.264
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Capability	2×12MP, 4×8MP, 4×6MP, 5×5MP, 8×4MP, 9×3MP, 16×1080P, 32×720P, 64×4CIF
Synchronous Playback	2×12MP, 4×8MP, 4×6MP, 5×5MP, 8×4MP, 9×3MP, 16×1080P, 16×720P
Records Encryption	Yes
Hard Disk	
SATA	16 SATA interfaces for 16 HDDs
Capacity	Up to 10TB for each HDD
eSATA Interface	1 eSATA interface
Array Type	JBOD, RAID0/1/5/6/10
External Interface	
Network Interface	2×RJ45 self-adaptive 10/100/1000 Mbps network interfaces
USB Interface	2×USB 2.0, 1×USB 3.0
Serial Interface	2×RS-485, 1×RS-232
Alarm In/Out	16/4
Network	
Protocol	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, IGMP, QoS, IPV4, IPV6, Multicast, ARP, UDP, SNMP, SSL, Telnet, RTMP, NFS
System Compatibility	ONVIF (PROFILE S/T), SDK, P2P
General	
Web Version	WEB6
Language	Simple Chinese, Traditional Chinese, English, Spanish, Korean, Italian, Turkish, Russian, Thai, French, Polish, Dutch, Hebraism(only for UI), Arabic (only for UI), Vietnamese (only for UI)
Operating Conditions	-10°C ~ 55°C, 10%~90% RH
Power Supply	AC100~240V, 50/60HZ
Redundant Power	N/A
Consumption (without HDD)	≤100W (without HDD)
Chassis	3U
Dimensions	132×482.6×490mm, (5.2×19×19.29 inch)
Weight (without HDD)	11.35Kg (25.02lb)

### AVAILABLE MODEL

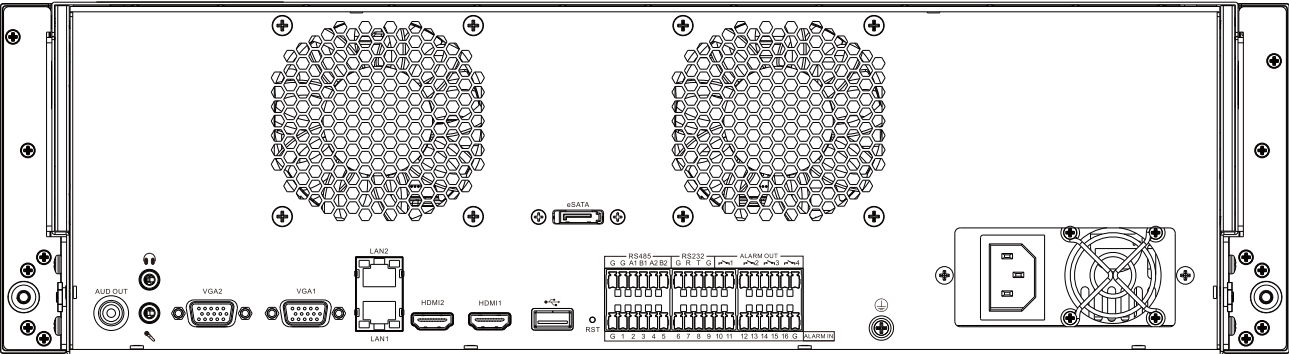
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# Tiandy

## DIMENSIONS (Unit: mm)



## Physical Interfaces



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