

Tiandy



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

H.265 16HDD 80ch

Redundant power supply NVR

Pro Series



KEY FEATURES

HD Input

- S+265/H.265/H.264 video formats
- Connectable to the third-party network cameras
- Support 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 resolution

HD Storage

- 16 SATA interface, up to 10TB for 1 HDD
- S+265 compression effectively reduces the storage space and costs by up to 75%

HD Transmission

- 2×RJ45 self-adaptive 10/100/1000 Mbps network interface

Stability assurance

- Hot swap HDD

- Redundant power

Various Applications

- Centralized management of IP cameras, including configuration, information import/export, real-time information display, 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
- Web6 supports plug-in free browsing and can preview videos on all browsers
- Support cloud upgrade



SPECIFICATIONS

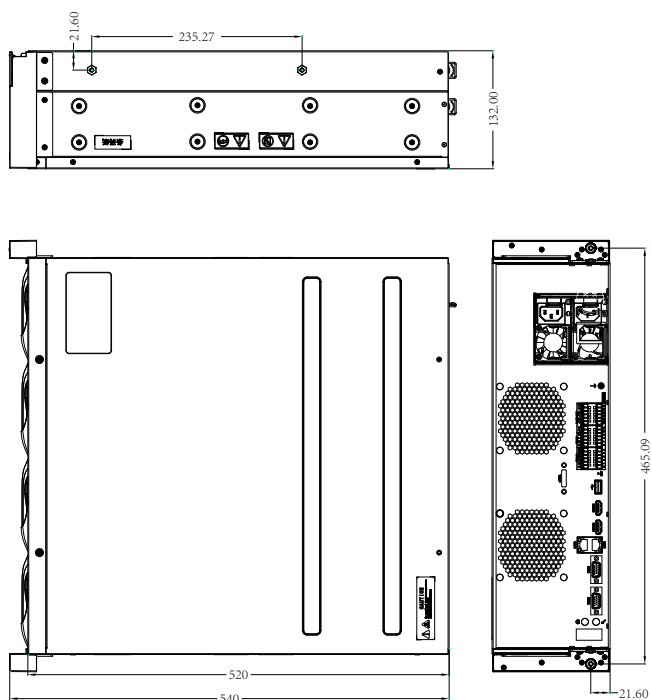
Input	
Video Input	80-ch
Max Resolution	12MP
Two-way Audio Input	1-ch, 3.5mm
Bandwidth	Income 320Mbps; Outgoing 320Mbps
Output	
HDMI/VGA Output	HDMI 2-ch, 3840x2160, 1920x1080, 1280x720, 1024x768, 1366x768, 1440x900, 1280x800 VGA 1-ch, 1920x1080, 1280x720, 1024x768, 1366x768, 1440x900, 1280x800
Screen Split	1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B/25/32/36/40/64
Audio Output	1x3.5mm, 1xBNC
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	3x12MP, 4x8MP, 4x6MP, 6x5MP, 8x4MP, 9x3MP, 16x1080P, 32x720P, 64x4CIF
Synchronous Playback	3x12MP, 4x8MP, 4x6MP, 6x5MP, 8x4MP, 9x3MP, 16x1080P
Records Encryption	Yes
Hard Disk	
SATA	16 SATA interface 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	2xRJ45 self-adaptive 10/100/1000 Mbps network interface
USB Interface	2xUSB 2.0, 1xUSB 3.0
Serial Interface	2xRS485, 1xRS232
Alarm In/Out	16/4
Network	
Protocol	HTTP, HTTPS, TCP/IP, UDP, UPnP, ICMP, IGMP, DHCP, DNS, DDNS, EasyDDNS, NTP, SMTP, SSL, QoS, IPv4, IPv6, IP Filter, Telnet, SSH, RTSP, RTP, RTCP, ARP, SNMP(v1), PPPOE
System Compatibility	ONVIF (PROFILE S/T/G), SDK, P2P
General	
Web Version	Web6
Language	Simplified Chinese, Traditional Chinese, English, Spanish, Italian, Korean, Turkish, Russian, Thai, French, Hebrew, Polish, Dutch, Arabic, Vietnamese, German, Ukrainian
Operating Conditions	-10~55°C, 10%~90% RH
Power Supply	AC100~240V, 50/60HZ
Redundant Power	Yes
Consumption (without HDD)	≤100W
Chassis	3U
Dimensions	132x482.6x540mm, (5.2x19x21.26 inch)
Weight (without HDD)	13.75Kg (30.31lb)

AVAILABLE MODEL

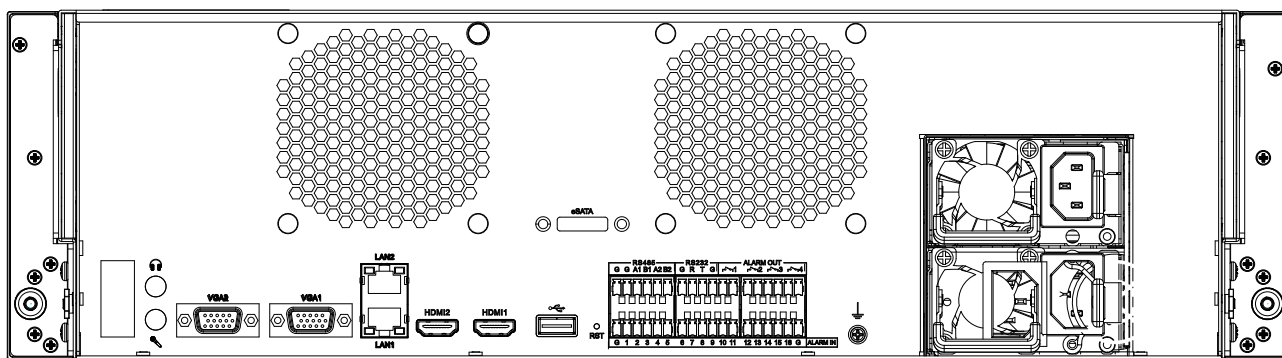
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Tiandy

DIMENSIONS (Unit: mm)



Physical Interfaces



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