Tiandy

TC-R31640 Spec: E/B/N

H.265 16HDD 40ch NVR

KEY FEATURES

HD Input

- S+265/H.265/H.264 video formats
- Connectable to the third-party network cameras
- Up to 40 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

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SPECIFICATIONS

Input	
Video Input	40-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, 1280×720, 800×600, 1024×768, 1366×768, 1440×900, 1280×800 VGA 2-ch, 1920×1080, 1280×720, 800×600, 1024×768, 1366×768, 1440×900, 1280×800
Screen Split	1/3/4/6/8/9/10/13/16/20/25/36/40/64
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	3×12MP, 4×8MP, 4×6MP, 5×5MP, 8×4MP, 9×3MP, 16×1080P, 32×720P, 64×4CIF
Synchronous Playback	3×12MP, 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/G), SDK, P2P
General	
Web Version	WEB6
Language	Simple Chinese, Traditional Chinese, English, Spanish, Korean, Italian, Turkish, Russian, Thai, French, Polish, Dutch, Hebraism, Arabic(only for UI) Vietnamese(only for IE)
Operating Conditions	-10℃ ~ 55℃, 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

TC-R31640 SPEC: E/B/R/N

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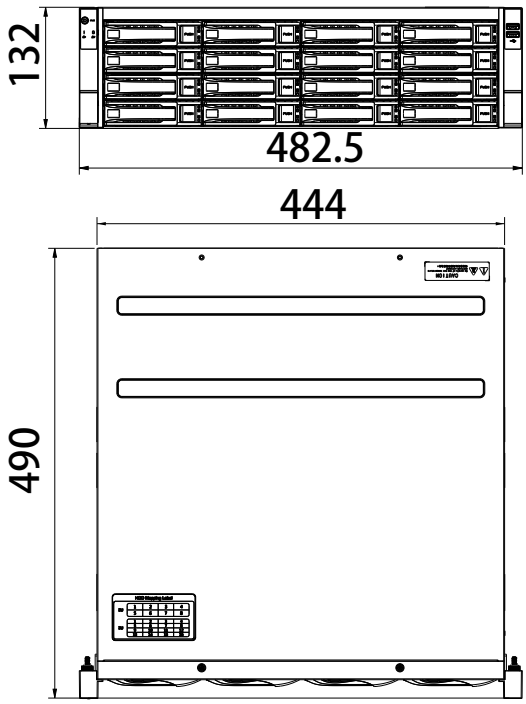
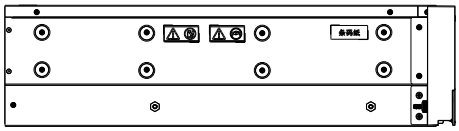
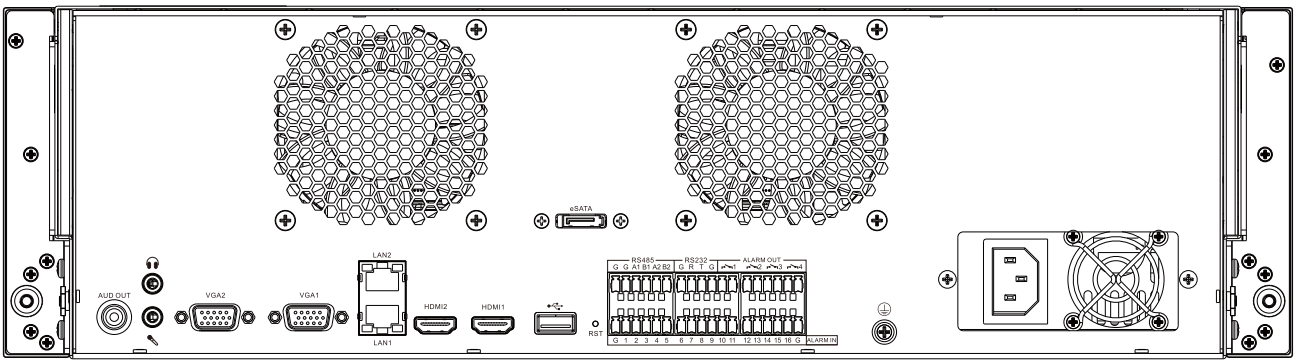
DIMENSIONS (Unit: mm)





Physical Interfaces



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