Tiandy

TC-R3216 Spec: I/B/X

2HDD 16ch Hybrid NVR

Pro Series

KEY FEATURES

HD Input
- Support HDTVI/HDCVI/AHD/CVBS/IP camera inputs
- S+265/H.265/H.264 video formats
- Up to 16 BNC or 32 IP camera inputs
- Supports live view, storage, and playback of the connected camera at up to 8MP resolution

HD Output
- 1×HDMI and 1×VGA simultaneous output
- HDMI Video output at up to 4K (3840×2160) resolution

HD Storage
- 2 SATA interfaces, each up to 10TB
- S+265 compression effectively reduces the storage space and costs by up to 75%

HD Transmission
- 1×RJ45 self-adaptive 10/100/1000 Mbps network interface
- 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
- Support cloud upgrade
- Support NFS

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SPECIFICATIONS

Input	
Analog Input	16-ch
IPC Input	16-ch (Up to 32-ch)
HDTVI Input	8MP, 5MP, 4MP, 3MP, 1080P, 720P
AHD Input	5MP, 4MP, 3MP, 1080P, 720P
HDCVI Input	4MP, 1080P
CVBS Input	PAL/NTSC
Max IPC Resolution	8MP
Two-way Audio Input	4-ch, RCA
Bandwidth	Income 128Mbps; Outcome 128Mbps
Output	
HDMI/VGA Output	HDMI: 1-ch, 3840×2160, 2560×1600, 2560×1440, 1920×1080, 1280×720, 800 ×600, 1024×768, 1366×768, 1440×900, 1280×800 VGA:1-ch, 1920×1080, 1280×720, 800×600,1024×768, 1366×768, 1440×900, 1280×800
BNC Output	720×576
Screen Split	1/3/4/5/6/7/8/9/10/13/16/20A/20B/25/32/36
Audio Output	1-ch, 3.5mm
Encoding	
Encoding Format	H.265/H.264
Recording Resolution	8MP@8fps/5MP@12fps/4MP@15fps/3MP@18fps/(1080P/720P/WD1/4CIF/VGA/CIF)@30fps
Zero Channel	720P@20fps, 4CIF@30fps
Decoding	
Decoding Format	S+265/H.265/H.264
Recording Resolution	8MP/6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Capability (IPC)	4×4K, 6×5MP, 8×4MP, 16×1080P, 32×720P
Synchronous Playback	4×4K, 6×5MP, 8×4MP, 16×1080P, 32×720P
Records Encryption	Yes
Hard Disk	
SATA	2 SATA interfaces for 2 HDDs
Capacity	Up to 10TB for each HDD
eSATA Interface	N/A
Array Type	N/A
External Interface	
Network Interface	1xRJ45 self-adaptive 10/100/1000 Mbps network interface
USB Interface	1×USB 3.0, 1×USB 2.0
Serial Interface	1×RS 485
Alarm In/Out	16/4
Intelligent Functions	
VCA Configuration	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, On Duty Detection, Crowed Detection, Video Abnormal, Audio Abnormal, Face Detection, Auto-tracking, Demographics, Early Warning
Intelligent Analysis	Tripwire, Double Tripwire, Video Abnormal, Audio Abnormal (Supports analog 1 to 4-ch, 2 channels at same time)
VCA Report	Face Retrival, Behavior Retrival, Early Warning Retrival, People Counting Retrival

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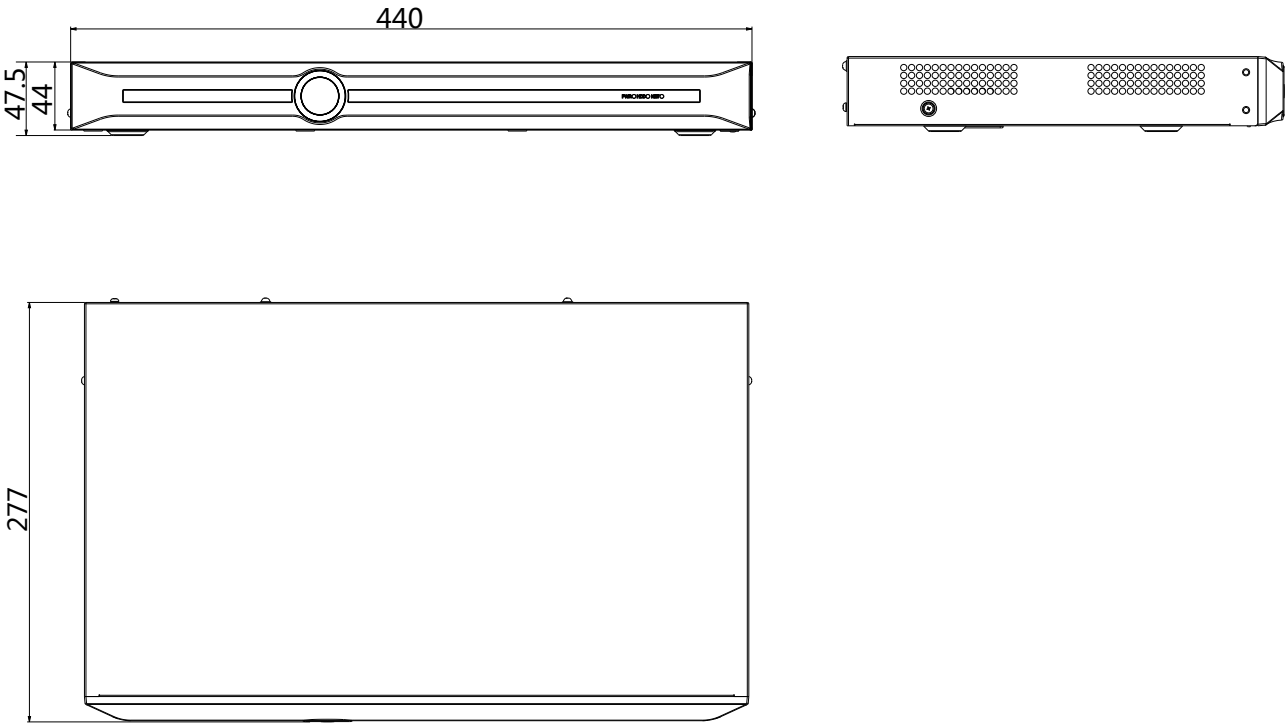
General	
Web Version	Web6
Language	14 Languages English, Russian, Spanish, Korean, Italian, Turkish, Simple Chinese, Traditional Chinese, Thai, French, Polish, Dutch, Hebraism, Vietnamese
VCA Funtions	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, On Duty Detection, Crowed Detection, Video Abnormal, Audio Abnormal, Face Detection, Demographics, Early Warning
Protocols	TCP/UDP/HTTP/UPnP/DHCP/PPPoE/DDNS/NFS/FTP/NTP/RTSP/SMTP/SNMP/DNS/RTMP
Operating Conditions	-10℃～55℃, 10%~90% RH
Power Supply	DC12V
Consumption (without HDD)	≤25W (without HDD)
Chassis	1U
Dimensions	45.1×255×231 mm (1.78×10.04×9.09 inch)
Weight (without HDD)	2.5Kg (5.51lb)

AVAILABLE MODEL

TC-R3216 SPEC: I/B/X

DIMENSIONS (Unit: mm)



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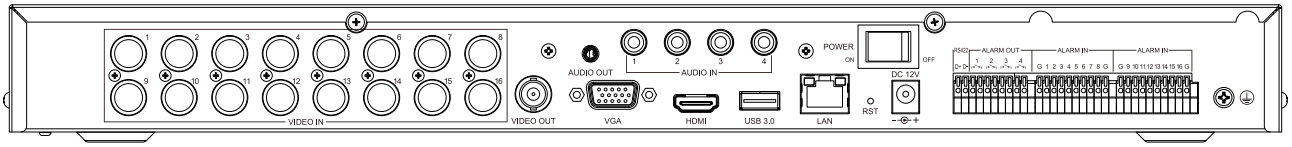
Physical Interfaces



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