

# Tiandy



## TC-R3420 Spec: I/B/P16/H

# H.265 4HDD 20ch PSE NVR

Pro Series



## KEY FEATURES

### HD Input

- Plug and play
- S+265/H.265/H.264 video formats
- Connectable to the third-party network cameras
- Up to 20-channel input
- 16 PoE ports
- Supports live view, storage, and playback of the connected camera at up to 12MP resolution

### HD Output

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

### HD Storage

- 4 SATA interfaces, up to 10TB for each HDD
- S+265 compression effectively reduces the storage space and costs by up to 75%

### HD Transmission

- 1xRJ45 self-adaptive 10/100/1000 Mbps network interface
- PoE Port: 16×RJ45 self-adaptive 10/100 Mbps network interfaces

### 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
- 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 250m long-distance transmission



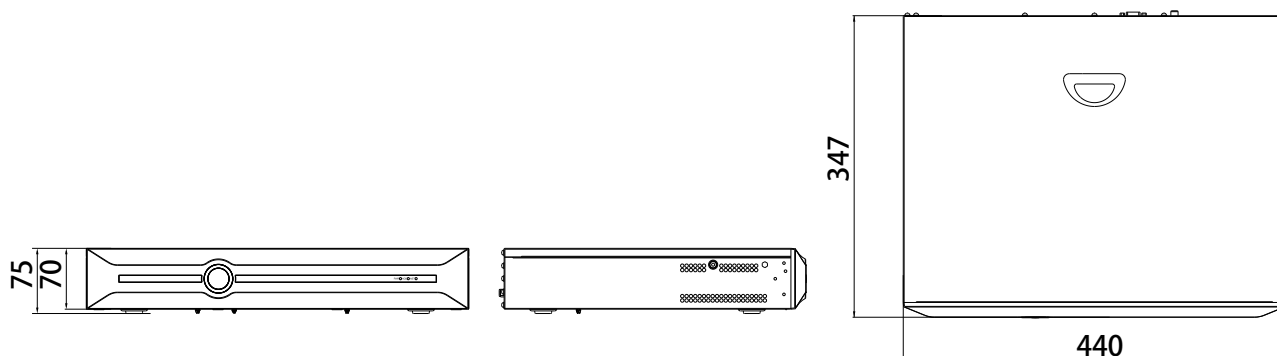
## SPECIFICATIONS

Input	
Video Input	20-ch
Max Resolution	12MP
Two-way Audio Input	1-ch, 3.5mm
Bandwidth	Income 320Mbps; Outgoing 320Mbps
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
Screen Split	1/3/4/6/8/9/10/13/16/20A/20B
Audio Output	1×RCA
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, 20×720P, 20×4CIF
Synchronous Playback	3×12MP, 4×8MP, 4×6MP, 5×5MP, 8×4MP, 9×3MP, 16×1080P, 16×720P
Records Encryption	Yes
Hard Disk	
SATA	4 SATA interfaces for 4 HDDs
Capacity	Up to 10TB for each HDD
eSATA Interface	N/A
Array Type	JBOD,RAID0/1/5/6/10
External Interface	
Network Interface	1×RJ45 self-adaptive 10/100/1000 Mbps network interface
USB Interface	2×USB 2.0, 1×USB 3.0
Serial Interface	1×RS485
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
POE	
POE Interface	16×RJ45 self-adaptive 10/100 Mbps network interface
Power per POE Port	30W
Max Current per POE Port	600mA
General	
Web Version	Web6
Language	Simple Chinese, Traditional Chinese, English, Spanish, Korean, Italian, Turkish, Russian, Thai, French, Polish, Dutch, Hebraism, Arabic
Operating Conditions	-10°C ~ 55°C, 10%~90% RH
Power Supply	100~240V AC, 50~60 Hz
Consumption (without HDD)	≤25W (without HDD)
Chassis	1.5U
Dimensions	75×440×347mm, (2.95×17.32×13.66 inch)
Weight (without HDD)	4.2Kg (9.26lb)

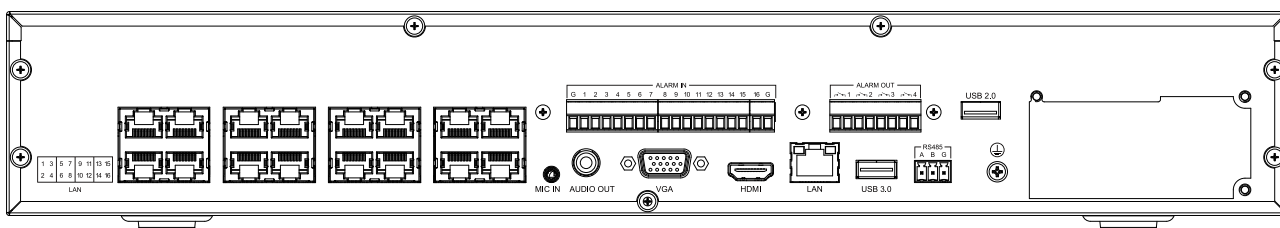
## AVAILABLE MODEL

**TC-R3420 SPEC: I/B/P16/H**

## DIMENSIONS (Unit: mm)



## Physical Interfaces



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