Tiandy

TC-R3105 Spec: I/B/W

H.265 1 HDD 5ch Wi-Fi NVR

Lite-N Series

KEY FEATURES

HD Input
- S+265/H.265/H.264 video formats
- Support live view, storage, and playback of the connected camera at up to 6MP resolution
- Support Wi-Fi matching of Tinady Wi-Fi IP cameras

HD Output
- HDMI and VGA simultaneous output
- HDMI Video output at up to 2560×1440 resolution

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

HD Transmission
- 1×RJ45 self-adaptive 10/100 Mbps network interface

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

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SPECIFICATIONS

Input	
Video Input	5-ch
Max Resolution	6MP
Two-way Audio Input	N/A
Bandwidth	Income 50Mbps; Outgoing 40Mbps
Output	
HDMI/VGA Output	HDMI 1-ch, 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	1/3/4/5/6
Audio Output	1×RCA
Decoding	
Decoding Format	S+265/H.265/H.264
Recording Resolution	6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Capability	1×6MP, 1×5MP, 1×4MP, 1×3MP, 4×1080P, 5×720P, 5×4CIF
Synchronous Playback	1×6MP, 1×5MP, 1×4MP, 1×3MP, 3×1080P, 4×720P
Records Encryption	Yes
Hard Disk	
SATA	1 SATA interface for 1 HDD
Capacity	Up to 10TB for each HDD
eSATA Interface	N/A
Array Type	N/A
Wi-Fi	
Wireless Standards	IEEE802.11b/g/n
Frequency Band	2.4GHz
Channel Bandwidth	20/40MHz
Protocols	DSSS (DBPSK, DQPSK, CCK) OFDM (BPSK, QPSK, 16-QAM, 64-QAM)
Security	WPA/WPA2, WEP, TKIP and AES
Transfer Rates	802.11b: 11Mbps 802.11g: 54Mbps 802.11n: Up to 150Mbps
Wireless Range	Up to 50 m (The performance varies based on actual environment)
Power Consumption	802.11b: 18dBm@11Mbps 802.11g: 16dBm@54Mbps 802.11n: 16dBm@150Mbps
External Interface	
Network Interface	1×RJ45 self-adaptive 10/100 Mbps network interface
USB Interface	2×USB 2.0
Serial Interface	N/A
Alarm In/Out	N/A
Network	
Protocol	TCP/IP, ICMP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, IGMP, QoS, IPV4, IPV6, Multicast, ARP, UDP, Telnet, RTMP
System Compatibility	ONVIF (PROFILE S/T), SDK, CGI, P2P
General	
Web Version	Web6
Language	Traditional Chinese, English
Operating Conditions	-10℃ ~ 55℃, 10%~90% RH
Power Supply	DC12V 3.33A
Consumption (without HDD)	≤18W (without HDD)
Chassis	1U
Dimensions	45×255×250mm, (1.77×10.04×9.84 inch)
Weight (without HDD)	0.86Kg (1.9lb)

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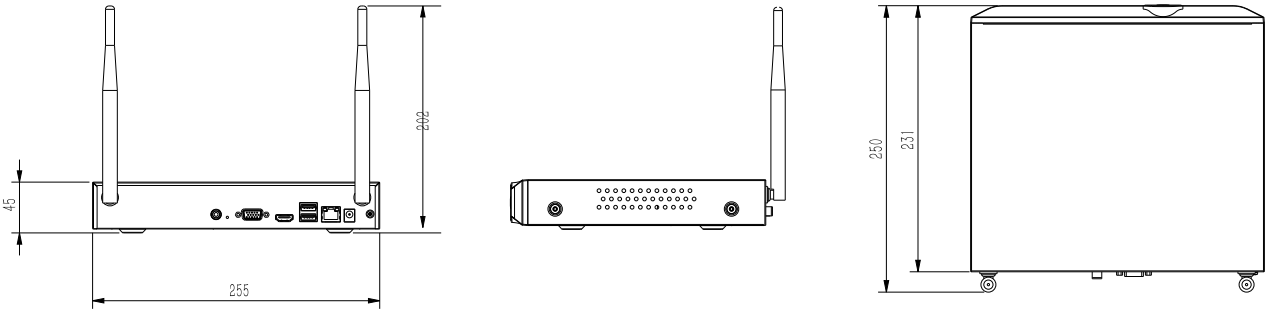
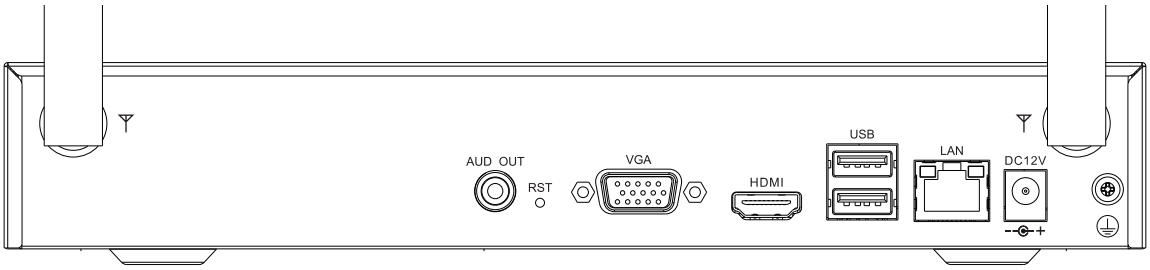
AVAILABLE MODEL

TC-R3105 SPEC: I/B/W

DIMENSIONS (Unit: mm)



Physical Interfaces



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