Tiandy

TC-R3120 Spec: I/B/K

H.265 1HDD 20ch NVR

Lite-K Series

KEY FEATURES

HD Input

- S+265/H.265/H.264 video formats
- Connectable to the third-party network cameras
- Up to 20-channel input
- Support live view, storage, and playback of the connected camera at up to 8MP resolution

HD Output

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

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SPECIFICATIONS

Input	
Video Input	20-ch
Max Resolution	8MP
Two-way Audio Input	1-ch, 3.5mm
Bandwidth	Income 80Mbps; Outgoing 80Mbps
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	8MP/6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Capability	1×8MP, 1×6MP, 1×5MP, 2×4MP, 2×3MP, 4×1080P, 8×720P, 20×4CIF
Synchronous Playback	1×8MP, 1×6MP, 1×5MP, 2×4MP, 2×3MP, 4×1080P, 8×720P
Records Encryption	Yes
Hard Disk	
SATA	1 SATA interfaces for 1 HDDs
Capacity	Up to 10TB for each HDD
eSATA Interface	N/A
Array Type	N/A
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	4/1
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
Operating Conditions	-10℃ ~ 55℃, 10%~90% RH
Power Supply	DC12V 3.33A
Consumption (without HDD)	≤10W (without HDD)
Chassis	1U
Dimensions	45.1×255×231mm, (1.78×10.04×9.09 inch)
Weight (without HDD)	0.9Kg (1.98lb)

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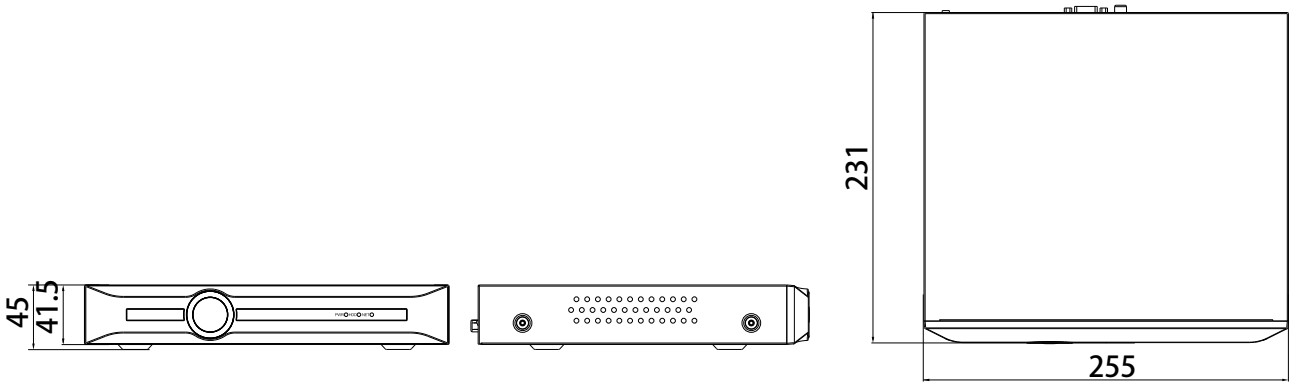
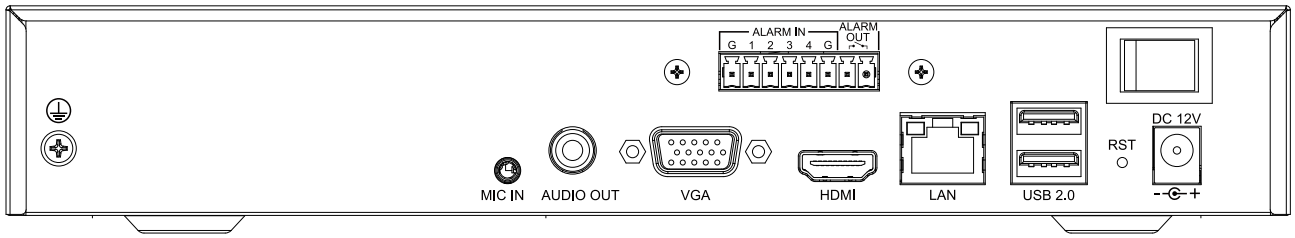
AVAILABLE MODEL

TC-R3120 SPEC: I/B/K

DIMENSIONS (Unit: mm)



Physical Interfaces



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