

Tiandy



TC-R3210 Spec:I/B/K/V3.1

H.265 2HDD 10ch NVR

Lite Series



KEY FEATURES

HD Input

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

HD Output

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

HD Storage

- 2 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 10/100/1000 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
- Support cloud upgrade



SPECIFICATIONS

| Video and Audio | |
|------------------------------|---|
| Access Channel | 10 |
| Incoming Bandwidth | 160Mbps |
| Outgoing Bandwidth | 64Mbps |
| Resolution | 8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF |
| Preview decoding capability | 8MP*2,6MP*2,5MP*3,4MP*4,3MP*5,1080P*8,720P*10,4CIF*10 |
| Playback decoding capability | 8MP*2,6MP*2,5MP*3,4MP*4,3MP*5,1080P*8,720P*10 |
| Video Output | simultaneous HDMI and VGA outputs |
| HDMI Output | HDMI:1024*768(60Hz),(720P)1280*720(50Hz/60Hz),1280*800(60Hz),1440*900(60Hz), (1080P)1920*1080(50Hz/60Hz),(2K)2560*1440(30Hz),(4K)3840*2160(30Hz) |
| VGA Output | VGA:1024*768(60Hz),(720P)1280*720(50Hz/60Hz),1280*800(60Hz),1440*900(60Hz), (1080P)1920*1080(50Hz/60Hz) |
| Multi-screen Display | 1/2/3/4/5/6/7/8/9/10 |
| Third-party Camera Access | ONVIF;RTSP |
| Audio Input | 1-ch,3.5mm |
| Audio Output | 1-ch,RCA (Linear,1 KΩ) |
| Two-Way Audio | 1-ch,3.5mm,using the audio input |
| Liveview display | Simultaneous Output: VGA: 1/2/3/4/5/6/7/8/9/10 HDMI: 1/2/3/4/5/6/7/8/9/10 |
| Compression | |
| Video | S+265;H.265;S+264;H.264 |
| Audio | G711A;G711U;AAC;ADPCM_DIV4 |
| Stream Type | Video;Video & Audio |
| Network | |
| Network Protocol | 802.1X;ARP;DDNS;DHCP;DNS;Easy DDNS;FTP;HTTP;HTTPS;ICMP;IGMP;IPv4;IPv6; Multicast;NFS;NTP;PPPoE;RTCP;RTP;RTSP;SMB/CIFS;SMTP;SNMP;SRTP;SSH;SSL; TLSv1.2,TLSv1.3;TCP/IP;UDP;Unicast;UPnP |
| Mobile Phone Access | Android;iOS;P2P_A |
| System Compatibility | ONVIF(profile T/S/G);CGI;SDK;Milestone |
| Web | IE10+;Firefox52+;Edge89+;Safari11+;Chrome57+ |
| Record Playback | |
| Multi-channel Playback | 16 |
| Record Mode | Manual recording;alarm recording;Schedule recording |
| Storage | Local HDD/USB storage device |
| Backup | USB storage device |
| Playback Function | Play/Pause/Stop/Slow/Speed/Backwards 30s/Forwards 30s/Full screen/backup (video Editing)/Step/Digital Zoom |
| Alarm | |
| General Alarm | Motion;Mask Alarm;Alarm Input(IPC);Video Loss;Alarm Input(NVR);Manual Alarm |
| Alert Alarm | IP Conflict;MAC Conflict;Network Disconnected;No disk;Illegal Access;Disk group space alert;Disk Full;Disk R/W error;Video Abnormal;Abnormal found in smart of disk;Abnormal temperature of the disk;Hot-spare Exception;IPC voltage abnormal;RTC failure |

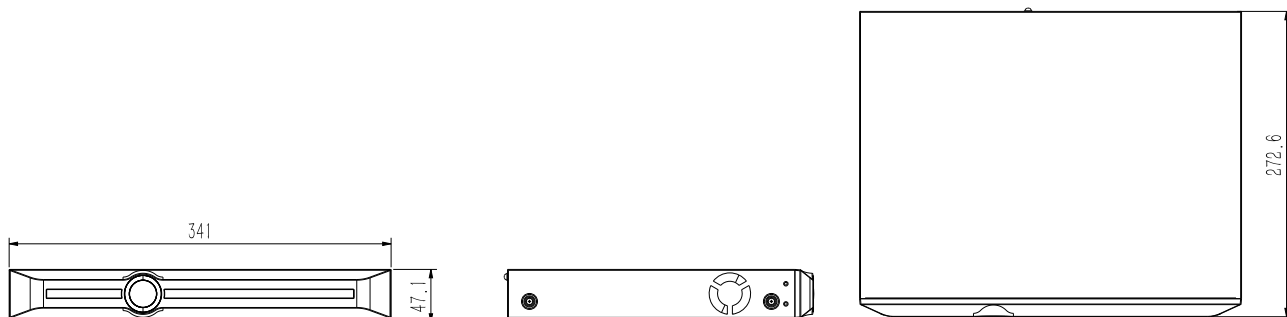
| Intelligent Analytics | |
|--------------------------|---|
| VCA Detection by Camera | Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Missing;Loiter;Running; Parking;Heatmap;Lens Dignose;Scene Switch Dignose;Signal Abnormal Detection; Signal Loss Detection;On Duty Detection;Crowd Detection;Safety Helmet Detection; People Counting;Link To Tracking;Face Detection;Human body temperature measurement |
| VCA Search | Heatmap;Early-warning search;Behavior Search;Thermographic retrieval;Duty search;Facial search |
| Face Detection by Camera | |
| Performance | N/A |
| Face Attributes | N/A |
| Face Picture Library | N/A |
| Face Picture Comparison | N/A |
| External Port | |
| HDD | 2 SATA ports,up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature |
| Disk Group | 2 Disk Group |
| RAID | N/A |
| eSATA | N/A |
| USB | 2*USB2.0 |
| HDMI | 1*HDMI(supports up to 4K resolution output) |
| VGA | 1*VGA |
| RJ-45 | 1*RJ-45,10/100/1000 Mbps self-adaptive Ethernet port |
| SATA | 2 SATA interface |
| RS232 | N/A |
| RS485 | N/A |
| Alarm I/O | 4channel in;1channel out |
| POE | |
| POE Interface | N/A |
| POE Gross Power | N/A |
| Power per POE Port | N/A |
| Max Current per POE Port | N/A |
| General Parameter | |
| UI Language | Simple Chinese;Traditional Chinese;English;Spanish;Korean;Italian;Turkish;Russian; Thai;French;Polish;Dutch;Hebrew;Arabic;Vietnamese;German;Ukrainian;Portuguese; Albanian |
| Power Supply | DC12V 3.3A |
| Power Consumption | <10W(HDD not included,idling) |
| NetWeight | 1.6 kg |
| GrossWeight | 3kg |
| Boundary Dimensions | 341(L)273(W)47(H)mm |
| Package Dimensions | 415(L)140(W)375(H)mm |
| Operating Temperature | -10°C~+55°C |
| Operating Humidity | 10%~90%RH |
| Storage Temperature | -10°C~+55°C |
| Storage Humidity | 10%~90%RH |
| Package Kit | Network Video Recorder;Screw pack;Mouse;Power adapter;European standard power cord |

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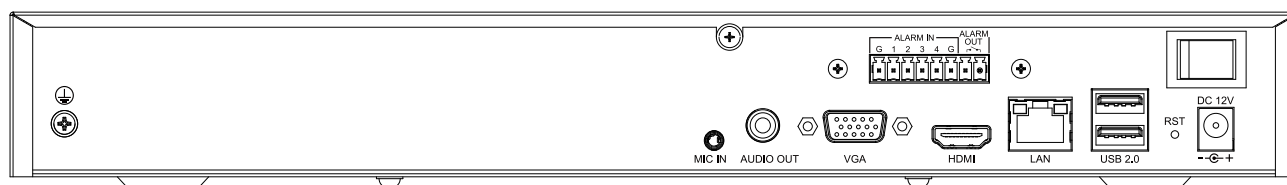
AVAILABLE MODEL

TC-R3210 SPEC: I/B/K/V3.1

DIMENSIONS (Unit: mm)



Physical Interfaces



DISTRIBUTED BY



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