



## TC-R3210 Spec:I/B/P8/K/V3.1

2HDD 10ch PSE NVR

Lite Series



### KEY FEATURES

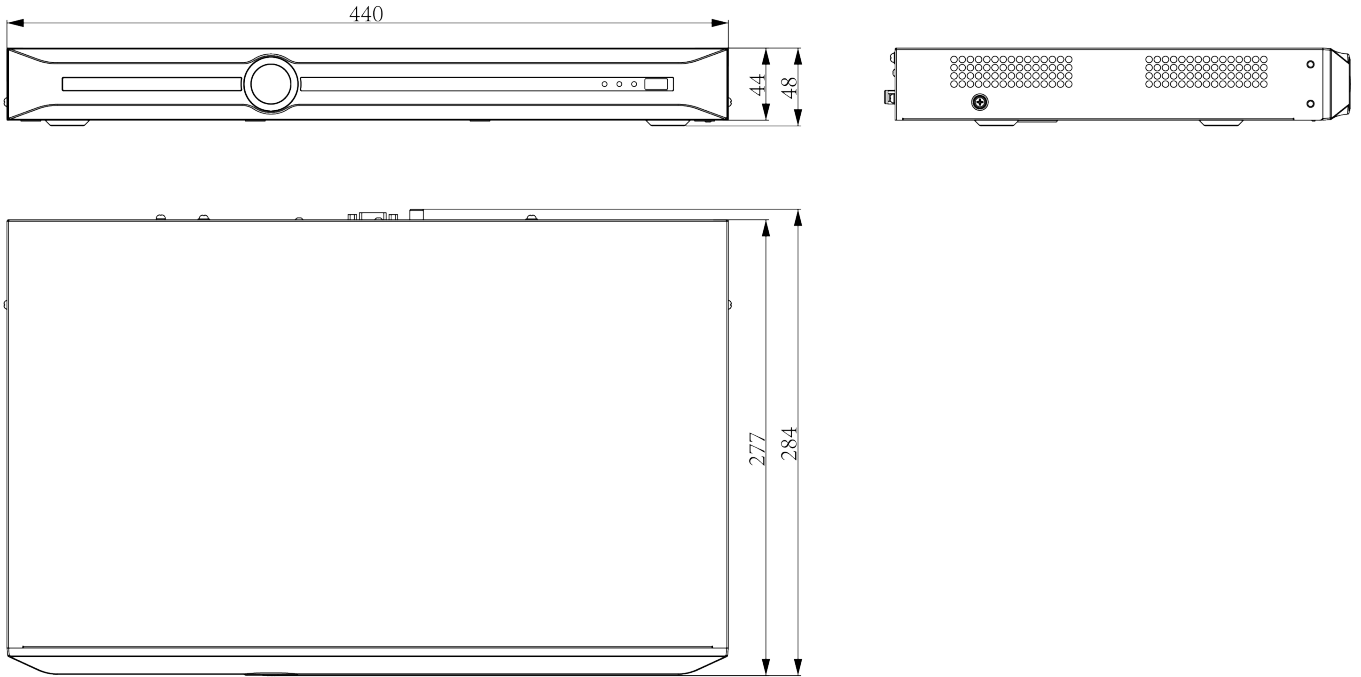
- Up to 10-ch IP camera accesses
- Incoming/Outgoing bandwidth: 160Mbps/64Mbps
- S+265, H.265, S+264, H.264 video formats
- Max. decoding capability: 8MP(30fps)×2 or 1080P(30fps)×8
- 10-ch synchronous playback
- Up to 10 TB capacity for each HDD
- Simultaneous HDMI and VGA outputs
- HDMI output at up to 4K resolution
- 1×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
- PoE interface, 8×RJ45, 10/100 Mbps self-adaptive Ethernet port
- S+ 265 compression effectively reduces the storage space by up to 75%
- 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(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps)×10, 4CIF(30fps)×10; *: The length or width of camera resolution (each track) cannot exceed 4096 pixels.          |
| Playback Decoding Capability | 8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps)×10   |
| Third-party Camera Access    | ONVIF; RTSP  |
| 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         | Simultaneous Output:<br>VGA: 1/2/3/4/5/6/7/8/9/10<br>HDMI: 1/2/3/4/5/6/7/8/9/10  |
| 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   |
| 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 v1/v2/v3; SRTP; SSH; SSL; TLSv1.2; TCP/IP; UDP; Unicast; UPnP |
| Mobile Phone Access          | Android; iOS; P2P  |
| System Compatibility         | ONVIF(Profile S/T/G); RTSP; CGI; SDK; Milestone  |
| Web                          | IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+   |
| Record Playback              |  |
| Multi-channel Playback       | 10   |
| Record Mode                  | Manual Recording; Alarm Recording; Schedule Recording  |
| Storage Method               | Local HDD  |
| Backup                       | USB storage device, Network  |
| Playback Function            | Play/Pause/Stop/Slow/Speed/Backwards 30s/Forwards 30s/Full Screen/Backup (Video Editing)/Step/Digital Zoom   |
| Dual Stream Record           | Yes  |
| Alarm                        |  |
| General Alarm                | Motion Detection; Mask Alarm; Alarm Input(IPC); Alarm Input(NVR); Manual Alarm   |

|                              |  |
|------------------------------|--|
| Exceptions Alarm             | Video Loss; IP Conflict; MAC Conflict; Network Disconnected; No Disk; Illegal Access; Disk group space alert; Disk Full; Disk R/W Error; Recording Abnormal; Abnormal found in smart of disk; Abnormal temperature of the disk; PoE Overload; Voltage Alarm(IPC); RTC Failure  |
| <b>Intelligent Analytics</b> |  |
| AI by Camera                 | Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Loiter; Running; Parking; Heatmap; Video Abnormal; Audio Abnormal; On Duty Detection; Crowd Detection; Safety Helmet Detection; People Counting; Link to Tracking; Smoke and Fire Detection; Environmental Temperature Measurement; Face Detection; Smart Motion; Human/Vehicle Classification |
| VCA Search                   | Heatmap; Early-warning Search; Behavior Search; Thermographic Retrieval; Duty Search; Face Search  |
| <b>Face Detection</b>        |  |
| Face Attributes              | Gender; Age  |
| <b>Storage</b>               |  |
| HDD Capacity                 | Up to 10 TB capacity for each HDD  |
| Disk Group                   | 2 Disk Group   |
| <b>External Port</b>         |  |
| USB                          | 2×USB2.0   |
| HDMI                         | 1×HDMI(supports up to 4K resolution output)  |
| VGA                          | 1×VGA  |
| Network Interface            | 1×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port  |
| SATA                         | 2×SATA interface   |
| Alarm I/O                    | 4-ch, TTL inputs, 3mA, 3.3VDC; 1-ch, relay output, 1A, 24VDC   |
| <b>PoE</b>                   |  |
| PoE Interface                | 8×RJ45, 10/100 Mbps self-adaptive Ethernet port  |
| PoE Budget                   | 120W   |
| Power per PoE Port           | 30W  |
| Standard                     | IEEE 802.3 af/at   |
| <b>General</b>               |  |
| 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                 | 100~240V AC  |
| Power Consumption            | <10W(without HDD&without PoE)  |
| NetWeight                    | 2.85kg   |
| GrossWeight                  | 4.2kg  |
| Boundary Dimensions          | 440(L)277(W)47.5(H)mm  |
| Package Dimensions           | 510(L)150(W)385(H)mm   |
| Operating Temperature        | -10°C~+55°C (+14°F~+131°F)   |
| Operating Humidity           | 10%~90%RH (non-condensing)   |
| Storage Temperature          | -20°C~+60°C (-4°F~+140°F)  |
| Package Kit                  | Network Video Recorder; Screw Pack; Mouse; European Standard Power Cord; 2×Ear Plate   |

## DIMENSIONS (Unit: mm)



## Physical Interfaces

