



## TC-R3110 Spec:I/B/L/Eu/V1.1

1HDD 10ch NVR

Lite Series



### KEY FEATURES

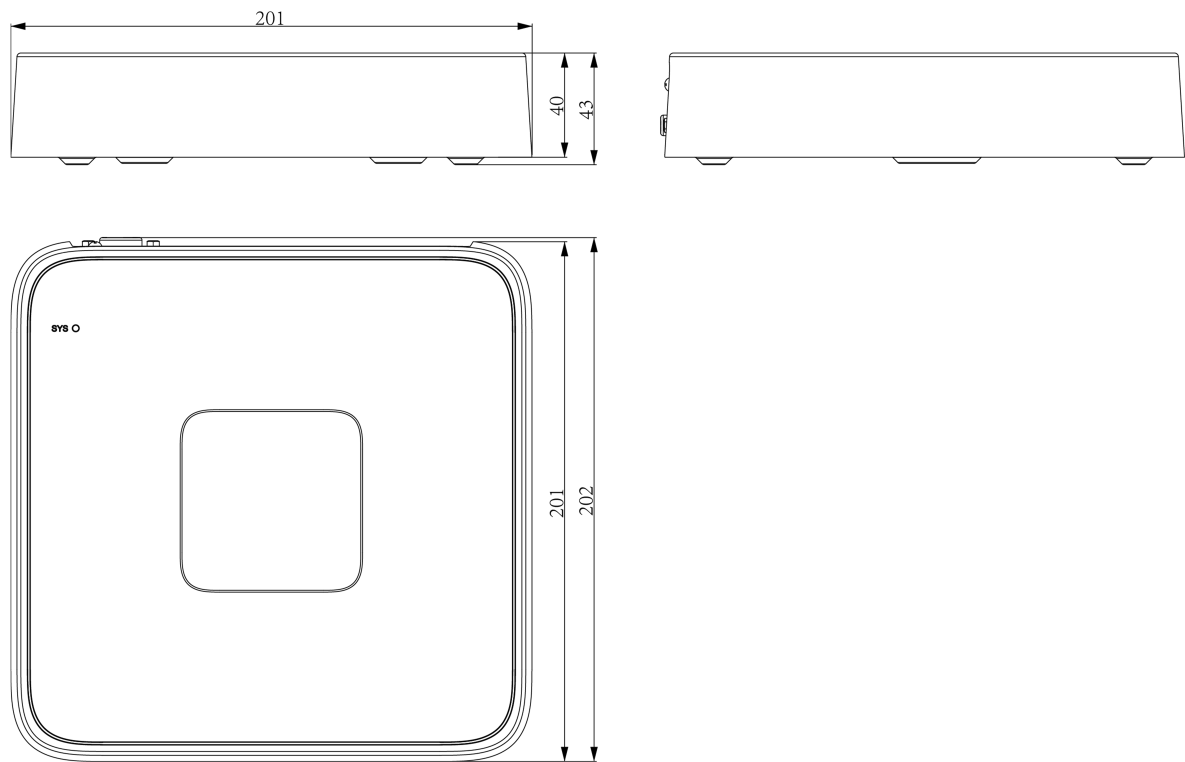
- Up to 10-ch IP camera accesses
- Incoming/Outgoing bandwidth: 60Mbps/40Mbps
- S+265, H.265, S+264, H.264 video formats
- Max. decoding capability: 6MP(30fps) × 1 or 1080P(30fps) × 4
- Up to 4 channels-ch synchronous playback
- Up to 8 TB capacity for each HDD
- Simultaneous HDMI and VGA outputs
- HDMI output at up to 4K resolution
- 1 × RJ-45, 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           | 60Mbps                                                                                                                                                                                                                                                                          |
| Outgoing Bandwidth           | 40Mbps                                                                                                                                                                                                                                                                          |
| Resolution                   | 6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF                                                                                                                                                                                                                     |
| Preview Decoding Capability  | 6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×8, 4CIF(30fps)×10                                                                                                                                                                           |
| Playback Decoding Capability | 6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×1, 3MP(30fps)×2, 1080P(30fps)×3, 720P(30fps)×4                                                                                                                                                                                           |
| Third-party Camera Access    | ONVIF(Profile S/T); RTSP                                                                                                                                                                                                                                                        |
| HDMI Output                  | HDMI: 1024×768(60Hz), (720P)1280×720(50Hz/60Hz), 1280×800(60Hz), 1366×768(60Hz), 1440×900(60Hz), (1080P)1920×1080(50Hz/60Hz), (4K)3840×2160(30Hz)                                                                                                                               |
| VGA Output                   | VGA: 1024×768(60Hz), (720P)1280×720(50Hz/60Hz), 1280×800(60Hz), 1366×768(60Hz), 1440×900(60Hz), (1080P)1920×1080(50Hz/60Hz)                                                                                                                                                     |
| Multi-screen Display         | Simultaneous Output:<br>VGA: 1/2A/2B/3/4/5/6/7/8/9/10<br>HDMI: 1/2A/2B/3/4/5/6/7/8/9/10                                                                                                                                                                                         |
| Compression Standard         |                                                                                                                                                                                                                                                                                 |
| Video                        | S+265; H.265; S+264; H.264                                                                                                                                                                                                                                                      |
| Audio                        | G711A; G711U; ADPCM_DIV4                                                                                                                                                                                                                                                        |
| Stream Type                  | Video; Video & Audio                                                                                                                                                                                                                                                            |
| Network                      |                                                                                                                                                                                                                                                                                 |
| Network Protocol             | 802.1X; ARP; DDNS; DHCP; DNS; Easy DDNS; HTTP; HTTPS; ICMP; IGMP; IPv4; IPv6; Multicast; NTP; RTCP; RTP; RTSP; SRTP; SSH; TLSv1.2; TCP; UDP; Unicast; UPnP                                                                                                                      |
| Mobile Phone Access          | Android; iOS; P2P                                                                                                                                                                                                                                                               |
| System Compatibility         | RTSP; CGI; SDK; P2P                                                                                                                                                                                                                                                             |
| Browser                      | IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+                                                                                                                                                                                                                                |
| Recording Playback           |                                                                                                                                                                                                                                                                                 |
| Multi-channel Playback       | Up to 4 channels                                                                                                                                                                                                                                                                |
| Record Mode                  | Manual Recording; Alarm Recording; Schedule Recording                                                                                                                                                                                                                           |
| Storage Method               | Local HDD                                                                                                                                                                                                                                                                       |
| Backup                       | USB storage device                                                                                                                                                                                                                                                              |
| Playback Function            | Play/Pause/Stop/Slow/Speed/Backwards 30s/Forwards 30s/Full Screen/Backup (Video Editing)/Step/Digital Zoom/Instant Replay                                                                                                                                                       |
| Alarm                        |                                                                                                                                                                                                                                                                                 |
| General Alarm                | Motion Detection; Mask Alarm; Alarm Input(IPC)                                                                                                                                                                                                                                  |
| Exceptions Alarm             | Video Loss; 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; Voltage Alarm(IPC); RTC Failure; IP Address Conflict; MAC Address Conflict |
| Intelligent Analytics        |                                                                                                                                                                                                                                                                                 |
| AI by Camera                 | Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Running; Parking; Loitering; Video Abnormal; Audio Abnormal; On Duty Detection; Crowd Detection; Smart Alarm; Human/Vehicle Classification                                                                |

|                       |                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------|
| VCA Search            | Early-warning Search                                                                                                         |
| Storage               |                                                                                                                              |
| HDD Capacity          | Up to 8 TB capacity for each HDD                                                                                             |
| Disk Group            | 1 Disk Group                                                                                                                 |
| External Port         |                                                                                                                              |
| USB                   | 2×USB2.0                                                                                                                     |
| HDMI                  | 1×HDMI(supports up to 4K resolution output)                                                                                  |
| VGA                   | 1×VGA                                                                                                                        |
| Network Interface     | 1×RJ-45, 10/100 Mbps self-adaptive Ethernet port                                                                             |
| SATA                  | 1×SATA interface                                                                                                             |
| General               |                                                                                                                              |
| UI Language           | English; Spanish; Italian; Turkish; French; Polish; Hebrew; German; Portuguese; Greek                                        |
| Power Supply          | DC12V                                                                                                                        |
| Power Consumption     | <10W(HDD not included, idling)                                                                                               |
| NetWeight             | 0.4 kg                                                                                                                       |
| GrossWeight           | 0.7 kg                                                                                                                       |
| Boundary Dimensions   | 200(L)200(W)43(H)mm                                                                                                          |
| Package Dimensions    | 315(L)70(W)235(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×1; Screw Pack×1; Mouse×1; European Standard Power Adapter(DC12V 1.5A)×1; Instructions×1; Parts List×1 |

## DIMENSIONS (Unit: mm)



## Physical Interfaces

