



## TC-R3110 Spec:I/B/P8/L/S

NVR

Spark Series



### KEY FEATURES

- Up to 10-ch IP camera inputs
- Access/forwarding bandwidth at 60Mbps/40Mbps
- S+265, H.265, S+264, H.264 video formats
- 6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4 preview decoding capacity
- 4-ch synchronous playback
- 6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×1, 3MP(30fps)×2, 1080P(30fps)×3 playback decoding capacity
- Up to 6TB capacity for each HDD
- 1×HDMI output
- HDMI output at up to 4K resolution
- 1×RJ-45, 10/100 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



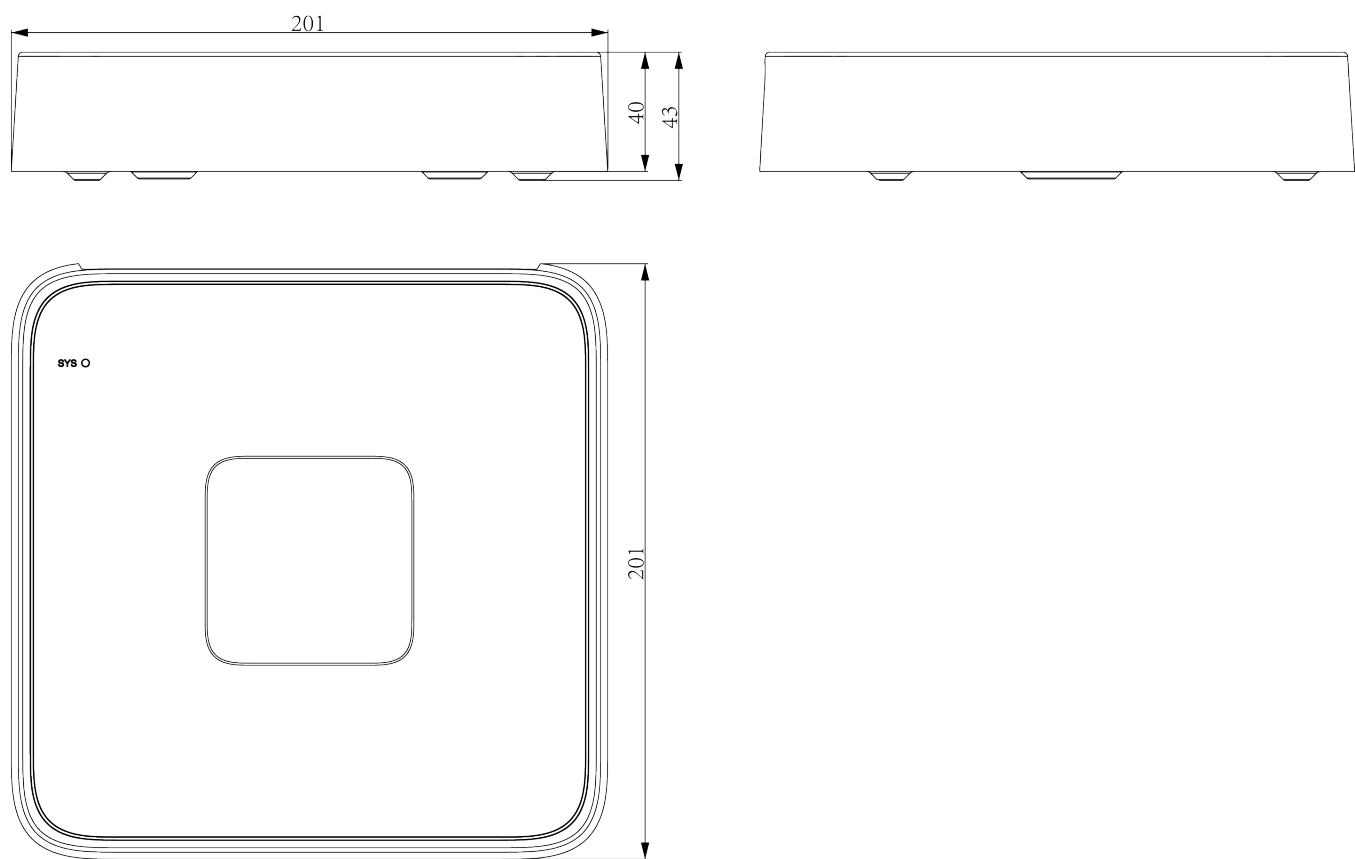
## SPECIFICATIONS

| Video and Audio             |   |
|-----------------------------|---|
| Access Channel              | 10  |
| Incoming Bandwidth          | 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   |
| 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), (4K)3840×2160(30Hz)   |
| Multi-screen Display        | 1/3/4/5/6/7/8/9/10  |
| Compression                 |   |
| Video                       | S+265; H.265; S+264; H.264  |
| Audio                       | G711A; G711U; ADPCM_DIV4  |
| Stream Type                 | Video; Video & Audio  |
| Network                     |   |
| Network Protocol            | ARP; DDNS; DHCP; DNS; Easy DDNS; HTTP; ICMP; IGMP; IPv4; IPv6; NTP; RTCP; RTP; RTSP; SSH; TCP/IP; UDP; UPnP   |
| Mobile Phone Access         | Android; iOS; P2P_A   |
| System Compatibility        | CGI; SDK  |
| Web                         | IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+  |
| Record Playback             |   |
| Multi-channel Playback      | 4   |
| Record Mode                 | 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)  |
| Alarm                       |   |
| General Alarm               | Motion; Mask Alarm; Video Loss  |
| Exceptions Alarm            | IP Conflict; MAC Conflict; Network Disconnected; No disk; Illegal Access; Disk Full; Disk R/W error; Video Abnormal; Abnormal found in smart of disk; Abnormal temperature of the disk; PoE overloaded; IPC voltage abnormal; RTC failure |
| Intelligent Analytics       |   |
| AI by Camera                | Advanced Intelligence   |
| Storage                     |   |
| HDD Capacity                | Up to 6TB capacity for each HDD   |
| External Port               |   |
| USB                         | 2×USB2.0  |
| HDMI                        | 1×HDMI  |
| Network Interface           | 1×RJ-45, 10/100 Mbps self-adaptive Ethernet port  |
| SATA                        | 1×SATA interface  |



| PoE                   |  |
|-----------------------|--|
| PoE Interface         | 8×RJ45, 10/100 Mbps self-adaptive Ethernet port  |
| PoE Budget            | 70W  |
| Power per PoE Port    | 30W  |
| Standard              | IEEE 802.3 af/at   |
| General               |  |
| UI Language           | English; Spanish; Italian; Turkish; French; Polish; Dutch; Hebrew; German; Ukrainian; Portuguese |
| Power Supply          | DC48V 1.875A   |
| Power Consumption     | <10W(without HDD&without PoE)  |
| NetWeight             | 0.45kg   |
| GrossWeight           | 1kg  |
| Boundary Dimensions   | 200(L)200(W)43(H)mm  |
| Package Dimensions    | 315(L)70(W)235(H)mm  |
| Operating Temperature | -10℃~+55℃  |
| Operating Humidity    | 10%~90%RH  |
| Storage Temperature   | -10℃~+55℃  |
| Storage Humidity      | 10%~90%RH  |
| Package Kit           | Network Video Recorder; Screw pack; Mouse; Power adapter   |

DIMENSIONS (Unit: mm)



Physical Interfaces

