



## TC-R3105 Spec:I/B/L/S

1HDD 5ch NVR

Spark Series



### KEY FEATURES

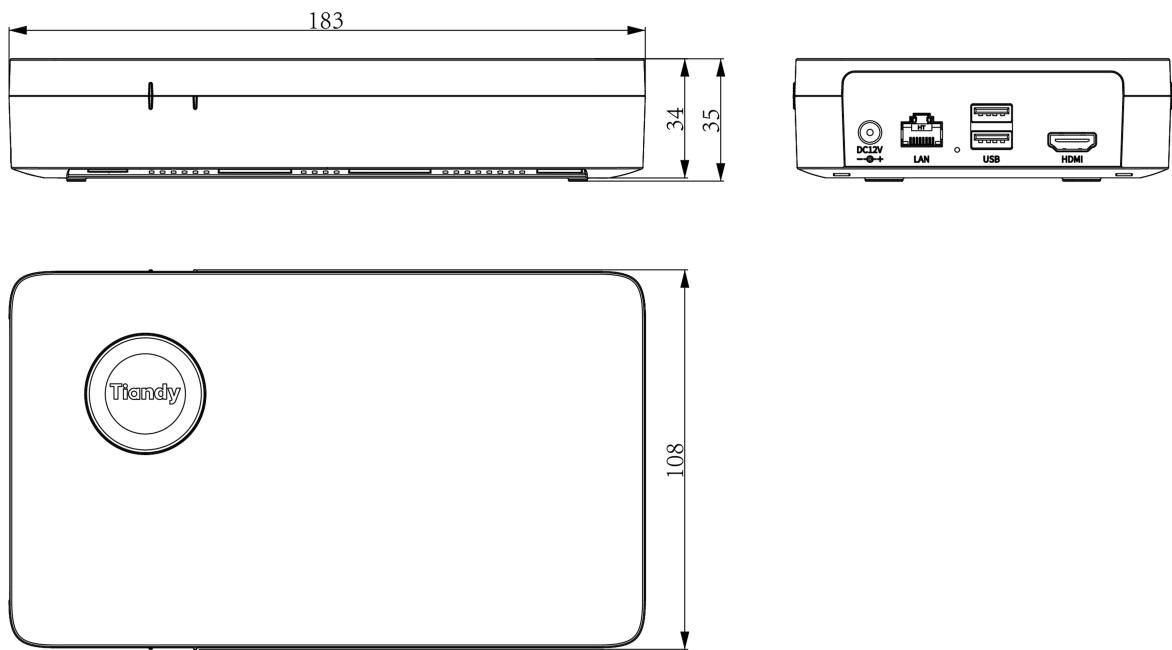
- Up to 5-ch IP camera accesses
- Incoming/Outgoing bandwidth: 60Mbps/40Mbps
- S+265, H.265, S+264, H.264 video formats
- Max. decoding capability: 5MP(30fps)×1 or 1080P(30fps)×2
- 4-ch synchronous playback
- Up to 6 TB capacity for each HDD
- 1×HDMI output
- HDMI output at up to 1080P resolution
- 1×RJ-45, 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               | 5                                                                                                                                                                                                                                                                      |
| Incoming Bandwidth           | 60Mbps                                                                                                                                                                                                                                                                 |
| Outgoing Bandwidth           | 40Mbps                                                                                                                                                                                                                                                                 |
| Resolution                   | 5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF                                                                                                                                                                                                                |
| Preview Decoding Capability  | 5MP(30fps) × 1, 4MP(30fps) × 1, 3MP(30fps) × 1, 1080P(30fps) × 2, 720P(30fps) × 5, 4CIF(30fps) × 5                                                                                                                                                                     |
| Playback Decoding Capability | 5MP(30fps) × 1, 4MP(30fps) × 1, 3MP(30fps) × 1, 1080P(30fps) × 2, 720P(30fps) × 4, 4CIF(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)                                                                                                                             |
| Compression Standard         |                                                                                                                                                                                                                                                                        |
| Video Compression            | S+265; H.265; S+264; H.264                                                                                                                                                                                                                                             |
| Audio Compression            | G.711A; G.711U; ADPCM_D                                                                                                                                                                                                                                                |
| 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; UDP; Unicast; UPnP                                                                                                                                                      |
| Mobile Client                | EasyLive Plus (Android, iOS)                                                                                                                                                                                                                                           |
| System Compatibility         | CGI; SDK; P2P                                                                                                                                                                                                                                                          |
| Web                          | IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+                                                                                                                                                                                                                       |
| Recording 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 Detection; Mask Alarm                                                                                                                                                                                                                                           |
| Exceptions Alarm             | Video Loss; Network Disconnected; No Disk; Illegal Access; 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; Disk Overload |
| Intelligent Analytics        |                                                                                                                                                                                                                                                                        |
| AI by Camera                 | Smart Alarm                                                                                                                                                                                                                                                            |
| Storage                      |                                                                                                                                                                                                                                                                        |
| HDD Capacity                 | Up to 6 TB 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                                                                                               |
| General               |                                                                                                                |
| UI Language           | English; Spanish; Italian; Turkish; French; Polish; Dutch; Hebrew; German; Ukrainian; Portuguese               |
| Power Supply          | DC12V                                                                                                          |
| Power Consumption     | <10W(without HDD&without PoE)                                                                                  |
| NetWeight             | 0.22kg                                                                                                         |
| GrossWeight           | 0.47kg                                                                                                         |
| Boundary Dimensions   | 183(L)108(W)35(H)mm                                                                                            |
| Package Dimensions    | 215(L)55(W)220(H)mm                                                                                            |
| Operating Temperature | -10°C~+45°C (+14°F~+113°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 |

DIMENSIONS (Unit: mm)



Physical Interfaces

