Tiandy

TC-R3105 Spec:I/B/P/V3.0

NVR

Lite Series



KEY FEATURES

- Up to 5-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)×2, 3MP(30fps)×2, 1080P(30fps)×4 playback decoding capacity
- Up to 10TB 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
- PoE Interface, 4×RJ45, 10/100 Mbps self-adaptive Ethernet port
- S+ 265 compression effectively reduces the storage space by up to 75%
- Support cloud upgrade

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SPECIFICATIONS

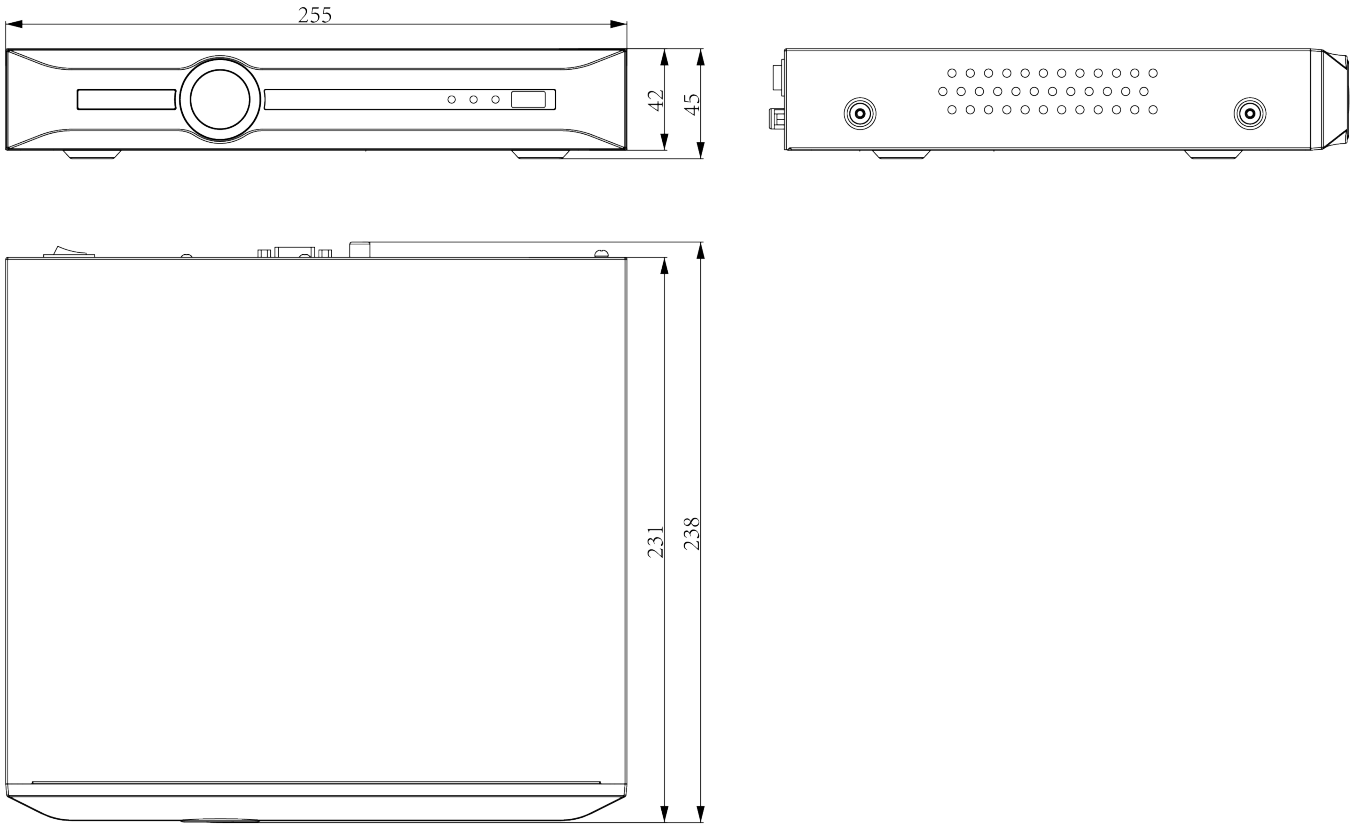
Video and Audio	
Access Channel	5
Incoming Bandwidth	60Mbps
Outgoing Bandwidth	40Mbps
Resolution	6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Decoding Capability	6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×5, 4CIF(30fps)×5
Third-party Camera 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)
Liveview display	Simultaneous Output: VGA: 1/3/4/5/6 HDMI: 1/3/4/5/6
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	1/3/4/5/6
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; 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; NFS; NTP; RTCP; RTP; RTSP; SMB/CIFS; SMTP; SRTP; SSH; TLSv1.2, TLSv1.3; TCP/IP; UDP; Unicast; UPnP
Mobile Phone Access	Android; iOS; P2P_A
System Compatibility	RTSP; CGI; SDK
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
Record Playback	
Multi-channel Playback	4
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
Alarm	
General Alarm	Motion; Mask Alarm; Alarm Input(IPC); Video Loss; Manual Alarm
Exceptions 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; PoE overloaded; IPC voltage abnormal; RTC failure

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Intelligent Analytics	
AI by Camera	Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Loiter; Running; Parking; Lens Dignose; Scene Switch Dignose; Signal Abnormal Detection; Signal Loss Detection; On Duty Detection; Crowd Detection; Face Detection; Advanced Intelligence
VCA Search	Early-warning search; Facial search
Face Detection	
Face Attributes	Gender; age
Storage	
HDD Capacity	Up to 10TB capacity for each HDD
Disk Group	1 Disk Group
External Port	
USB	2×USB2.0
HDMI	1×HDMI
VGA	1×VGA
Network Interface	1×RJ-45, 10/100 Mbps self-adaptive Ethernet port
SATA	1×SATA interface
Alarm I/O	1 channel out
PoE	
PoE Interface	4×RJ45, 10/100 Mbps self-adaptive Ethernet port
PoE Budget	45W
Power per PoE Port	30W
Standard	IEEE 802.3 af/at
General	
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	DC48V 1.35A
Power Consumption	<10W(without HDD&without PoE)
NetWeight	0.95kg
GrossWeight	1.6kg
Boundary Dimensions	255(L)231(W)45(H)mm
Package Dimensions	385(L)80(W)280(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; European standard power cord

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DIMENSIONS (Unit: mm)



Physical Interfaces

