Tiandy

TC-R3220 Spec:I/B/K/V3.1

NVR

Lite Series



KEY FEATURES

- Up to 20-ch IP camera inputs
- Access/forwarding bandwidth at 160Mbps/64Mbps
- S+265, H.265, S+264, H.264 video formats
- 8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8 preview decoding capacity
- 16-ch synchronous playback
- 8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8 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, 10/100/1000 Mbps self-adaptive Ethernet port
- S+ 265 compression effectively reduces the storage space by up to 75%
- Support cloud upgrade

Tiandy Technologies Co.,Ltd Tiandy Overseas Tiandy @tiandyofficial

Tiandy Technologies Co.,Ltd.
Email: sales@tiandy.com Tel: +86-22-58596065
Website: en.tiandy.com Fax: +86-22-58596048

Tiandy

SPECIFICATIONS

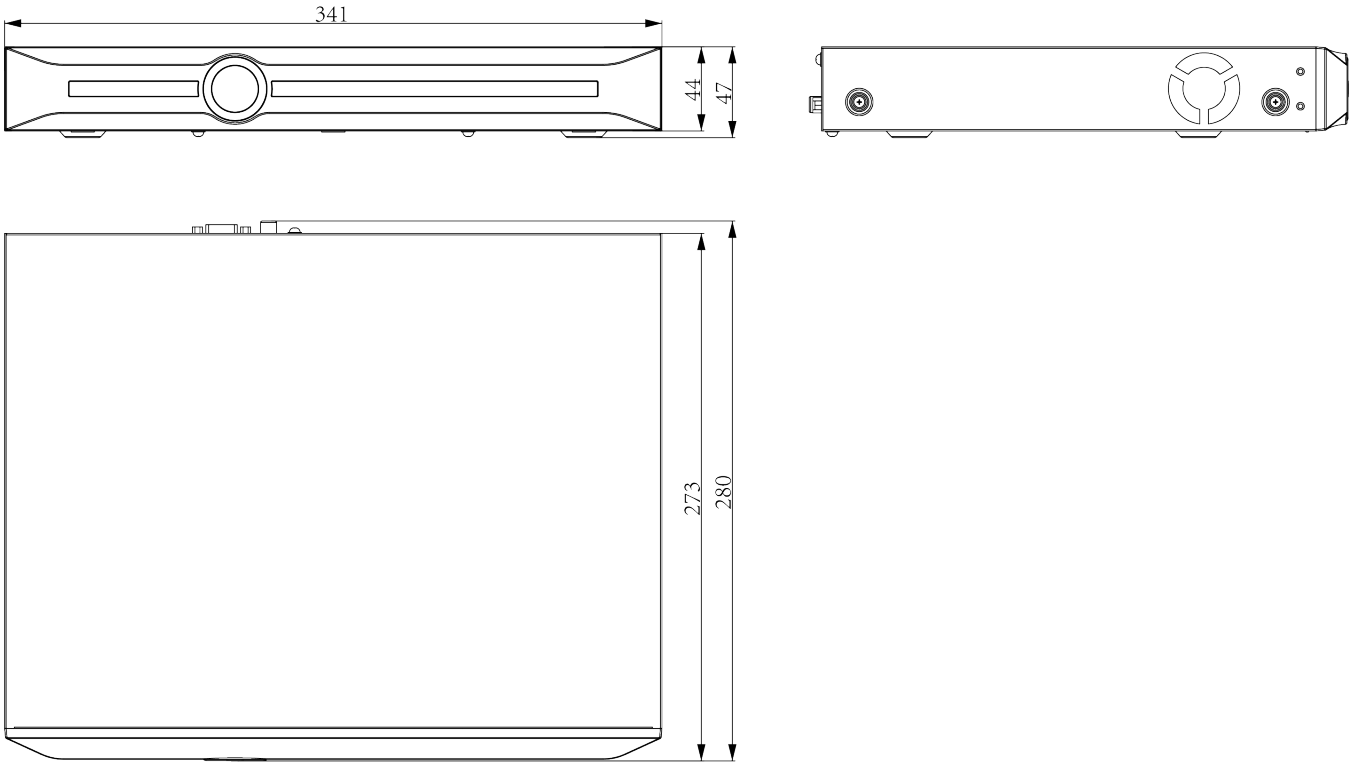
Video and Audio	
Access Channel	20
Incoming Bandwidth	160Mbps
Outgoing Bandwidth	64Mbps
Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Decoding Capability	8MP(30fps)×2, 6MP(30fps)×2, 5MP(30fps)×3, 4MP(30fps)×4, 3MP(30fps)×5, 1080P(30fps)×8, 720P(30fps)×16, 4CIF(30fps)×20
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)
Liveview display	Simultaneous Output: VGA: 1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B HDMI: 1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B
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	1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B
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; SRTP; SSH; SSL; TLSv1.2, TLSv1.3; TCP/IP; UDP; Unicast; UPnP
Mobile Phone Access	Android; iOS; P2P_A
System Compatibility	ONVIF(profile T/S/G); RTSP; CGI; SDK
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
Record Playback	
Multi-channel Playback	16
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	Dual Stream Record
Alarm	
General Alarm	Motion; Mask Alarm; Alarm Input(IPC); Video Loss; Alarm Input(NVR); Manual Alarm

Tiandy

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; Hot-spare Exception; IPC voltage abnormal; RTC failure
Intelligent Analytics	
AI by Camera	Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Loiter; Running; Parking; Heatmap; Lens Dignose; Scene Switch Dignose; Signal Abnormal Detection; Signal Loss Detection; On Duty Detection; Crowd Detection; Safety Helmet Detection; People Counting; Link To Tracking; Face Detection; Human body temperature measurement; Advanced Intelligence
VCA Search	Heatmap; Early-warning search; Behavior Search; Thermographic retrieval; Duty search; Facial search
Face Detection	
Face Attributes	Gender; age
Storage	
HDD Capacity	Up to 10TB capacity for each HDD
Disk Group	2 Disk Group
External Port	
USB	2*USB2.0
HDMI	1*HDMI(supports up to 4K resolution output)
VGA	1*VGA
SATA	2*SATA interface
Alarm I/O	4-ch, TTL inputs, 3mA, 3.3VDC; 1-ch, relay output, 1A, 24VDC
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	DC12V 3.3A
Power Consumption	<10W(HDD not included, idling)
NetWeight	1.6 kg
GrossWeight	3kg
Boundary Dimensions	341(L)273(W)47(H)mm
Package Dimensions	415(L)140(W)375(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

Tiandy

DIMENSIONS (Unit: mm)



Physical Interfaces

