Tiandy

TC-R3120 Spec:I/B/V3.0

1HDD 20ch NVR

Lite Series



KEY FEATURES

- Up to 20-ch IP camera accesses
- Incoming/Outgoing bandwidth: 80Mbps/80Mbps
- S+265, H.265, S+264, H.264 video formats
- Max. decoding capability: 8MP(30fps)×1 or 1080P(30fps)×4
- Up to 16 channels-ch synchronous playback
- Up to 10 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

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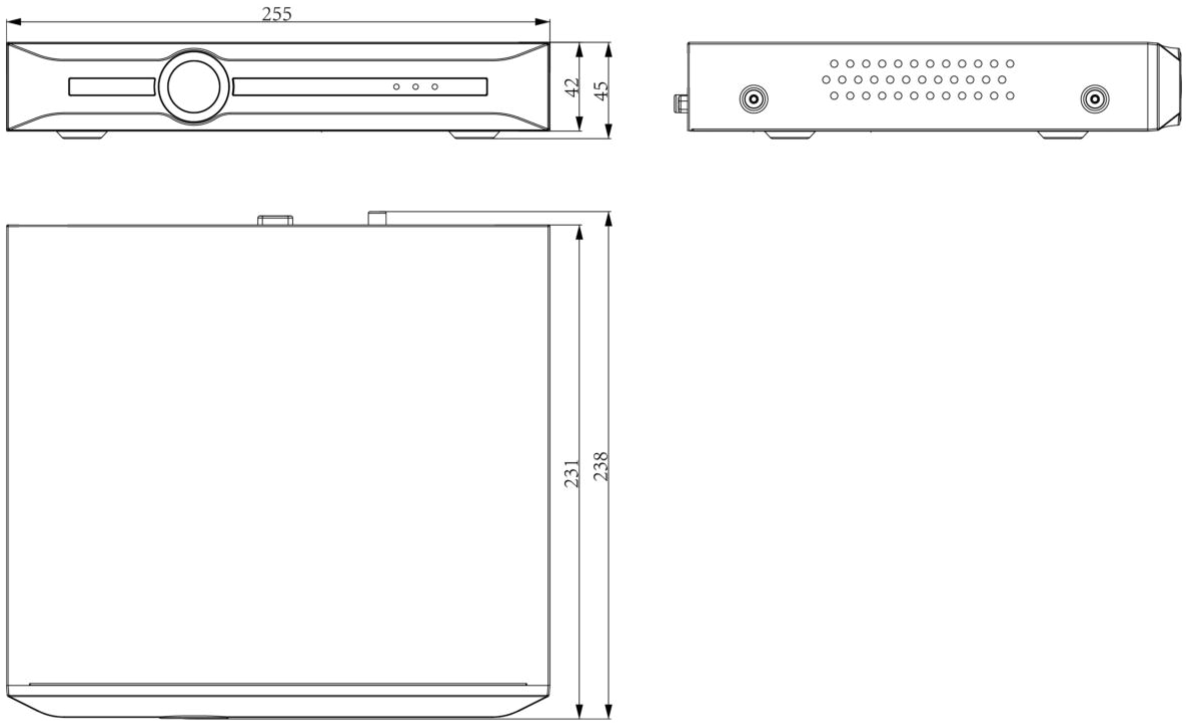
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SPECIFICATIONS

Video and Audio	
Access Channel	20
Incoming Bandwidth	80Mbps
Outgoing Bandwidth	80Mbps
Resolution	8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Decoding Capability	8MP(30fps)×1, 6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×8, 4CIF(30fps)×20; *: The length or width of camera resolution (each track) cannot exceed 4096 pixels.
Playback Decoding Capability	8MP(30fps)×1, 6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×8, 4CIF(30fps)×16
Third-party Camera Access	ONVIF(Profile S/T); 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)
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	Simultaneous Output: VGA: 1/2A/2B/3/4/5/6/7/8/9/10/12/13/16/20A/20B/20C/20D/25 HDMI: 1/2A/2B/3/4/5/6/7/8/9/10/12/13/16/20A/20B/20C/20D/25
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Compression Standard	
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 v1/v2/v3; SRTP; SSH; SSL; TLSv1.2; TCP; UDP; Unicast; UPnP
Mobile Phone Access	Android; iOS; P2P
System Compatibility	ONVIF(Profile S/T/G); RTSP; CGI; SDK; P2P
Browser	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
Recording Playback	
Multi-channel Playback	Up to 16 channels
Record Mode	Manual Recording; Alarm Recording; Schedule Recording
Storage Method	Local HDD
Backup	USB storage device, Network
Playback Function	Play/Pause/Stop/Reverse/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; Hot-spare Exception; 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; People Counting; Face Detection; Smart Alarm; Human/Vehicle Classification
VCA Search	Early-warning Search; Behavior Search; Face Search
Face Detection	
Face Attributes	Gender; Age
Storage	
HDD Capacity	Up to 10 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	Simple Chinese; Traditional Chinese; English; Spanish; Korean; Italian; Turkish; Russian; Thai; French; Polish; Dutch; Hebrew; Arabic; Vietnamese; German; Ukrainian; Portuguese; Albanian; Indonesian; Greek
Power Supply	DC12V
Power Consumption	<10W(HDD not included, idling)
NetWeight	0.8 kg
GrossWeight	1.45 kg
Boundary Dimensions	255(L)231(W)45(H)mm
Package Dimensions	385(L)80(W)280(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; Power Adapter(DC12V 3.33A)×1; European Standard Power Cord×1; Instructions×1; Parts List×1

DIMENSIONS (Unit: mm)



Physical Interfaces

