Tiandy

TC-R3440 Spec:I/B/N/V4.0

H.265 4HDD 40ch NVR



KEY FEATURES

HD Input
• S+265/H.265/S+264/H.264 video formats
• Connectable to the third-party network cameras
• Support live view, storage, and playback of the connected camera at up to 16MP resolution

HD Output
• 1×HDMI and 1×VGA independent outputs
• HDMI Video output at up to 4K resolution

HD Storage
• 4 SATA interface, up to 10TB for 1 HDD
• S+265 compression effectively reduces the storage space and costs by up to 75%

HD Transmission
• 2×RJ45 self-adaptive 10/100/1000 Mbps network interface

Various Applications
• Centralized management of IP cameras, including configuration, information import/export, real-time information display, upgrade, etc.
• Connectable to smart IP cameras from Tiandy and the recording, playing back, and backing up of VCA alarms can be realized
• VCA detection alarm is supported
• Support cloud upgrade

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SPECIFICATIONS

Video and Audio	
Access Channel	40
Incoming Bandwidth	400Mbps
Outgoing Bandwidth	400Mbps
Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview decoding capability	16MP*2,12MP*3,8MP*4,6MP*4,5MP*6,4MP*8,3MP*9,1080P*16,720P*32,4CIF*40
Playback decoding capability	16MP*2,12MP*3,8MP*4,6MP*4,5MP*6,4MP*8,3MP*9,1080P*16,720P*16
Video Output	independent HDMI and VGA outputs
HDMI Output	HDMI:800*600(60Hz),1024*768(60Hz),1280*720(50Hz/60Hz),1280*800(60Hz), 1366*768(60Hz),1440*900(60Hz),1920*1080(50Hz/60Hz),2560*1440(30Hz/60Hz), 2560*1600(60Hz),3840*2160(30Hz/60Hz)
VGA Output	VGA:800*600(60Hz),1024*768(60Hz),1280*720(50Hz/60Hz),1280*800(60Hz), 1366*768(60Hz),1440*900(60Hz),1920*1080(50Hz/60Hz)
Multi-screen Display	1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B/25/32/36/40
Third-party Camera Access	ONVIF;RTSP
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
Liveview display	Independent Output: HDMI: 1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B/25/32/36/40 VGA: 1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B/25/32/36/40
Compression	
Video	S+265;H.265;S+264;H.264
Audio	G711A;G711U;AAC;ADPCM_DIV4
Stream Type	Video;Video & Audio
Network	
Network Protocol	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);CGI;SDK
Web	IE10+;Firefox52+;Edge89+;Safari11+;Chrome57+
Record Playback	
Multi-channel Playback	16
Record Mode	Manual recording;alarm recording;Schedule recording
Storage	Local HDD/USB storage device
Backup	USB storage device
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;Alarm Input(NVR);Manual Alarm
Alert 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;Array Exception;IPC voltage abnormal;RTC failure

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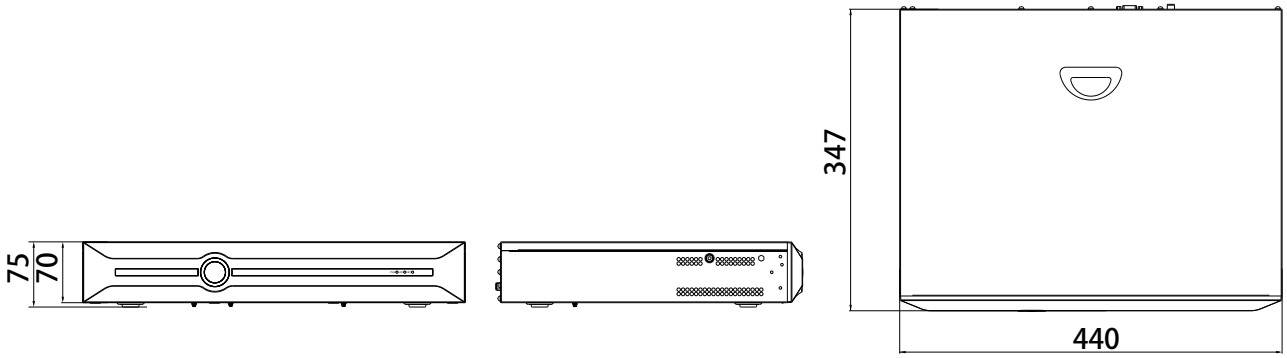
Intelligent Analytics	
VCA Detection by Camera	Tripwire;Double Tripwire;Perimeter;Object Abandon;Object Missing;Loiter;Running;Parking;Heatmap;Lens Dignose;Scene Switch Dignose;Signal Abnormal Detection;Signal Loss Detection;Plate License Recognition;On Duty Detection;Crowd Detection;Parking guard;Safety Helmet Detection;Electric vehicle testing;People Counting;Link To Tracking;Fireworks detection;Environmental temperature measurement;Face Detection;Human body temperature measurement;Advanced Intelligence
VCA Search	Heatmap;Early-warning search;Behavior Search;Plate license search;Search safety helmet;Thermographic retrieval;Duty search;Electric vehicle retrieval;Facial search
Face Detection by Camera	
Performance	N/A
Face Attributes	Gender;age;glasses;mouth mask;Body temp.
Face Picture Library	Up to 300 face libraries Up to 100000 base images
Face Picture Comparison	Cooperate with facial recognition machine
External Port	
HDD	4 SATA ports,up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature
Disk Group	4 Disk Group
RAID	JBOD,RAID0,RAID1,RAID5,RAID6,RAID10
eSATA	N/A
USB	1*USB2.0;1*USB3.0
HDMI	1*HDMI(supports up to 4K resolution output)
VGA	1*VGA
RJ-45	2*RJ-45,10/100/1000 Mbps self-adaptive Ethernet port
SATA	4 SATA interface
RS232	1*RS232
RS485	1*RS485
Alarm I/O	16channel in;4channel out
POE	
POE Interface	N/A
POE Gross Power	N/A
Power per POE Port	N/A
Max Current per POE Port	N/A
General Parameter	
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 5A
Power Consumption	＜15W(HDD not included,idling)
NetWeight	3.3Kg
GrossWeight	5.05Kg
Boundary Dimensions	440(L)347(W)75(H)mm
Package Dimensions	540(L)175(W)455(H)mm
Operating Temperature	-10°C～+55°C
Operating Humidity	10%~90%RH
Storage Temperature	-10°C～+55°C
Storage Humidity	10%~90%RH
Package Kit	Network Video Recorder;Screw pack;Mouse;Power adapter;European standard power cord;2Ear plate;4SATA hard disk data cable;2SATA power cord

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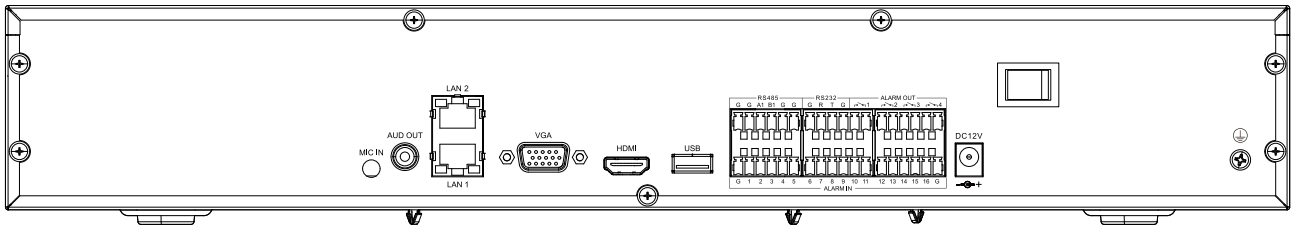
AVAILABLE MODEL

TC-R3440 SPEC: I/B/N/V4.0

DIMENSIONS (Unit: mm)



Physical Interfaces



DISTRIBUTED BY

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