TC-R3440 Spec:I/B/N/H/C/V4.1

4HDD 40ch NVR

SK Series



KEY FEATURES

- Up to 40-ch IP camera accesses
- Incoming/Outgoing bandwidth: 400Mbps/400Mbps
- S+265, H.265, S+264, H.264 video formats
- Max. decoding capability: 16MP(30fps)×2 or 1080P(30fps)×20
- 16-ch synchronous playback
- Up to 10 TB capacity for each HDD
- Independent HDMI and VGA outputs
- HDMI output at up to 4K resolution
- 2×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

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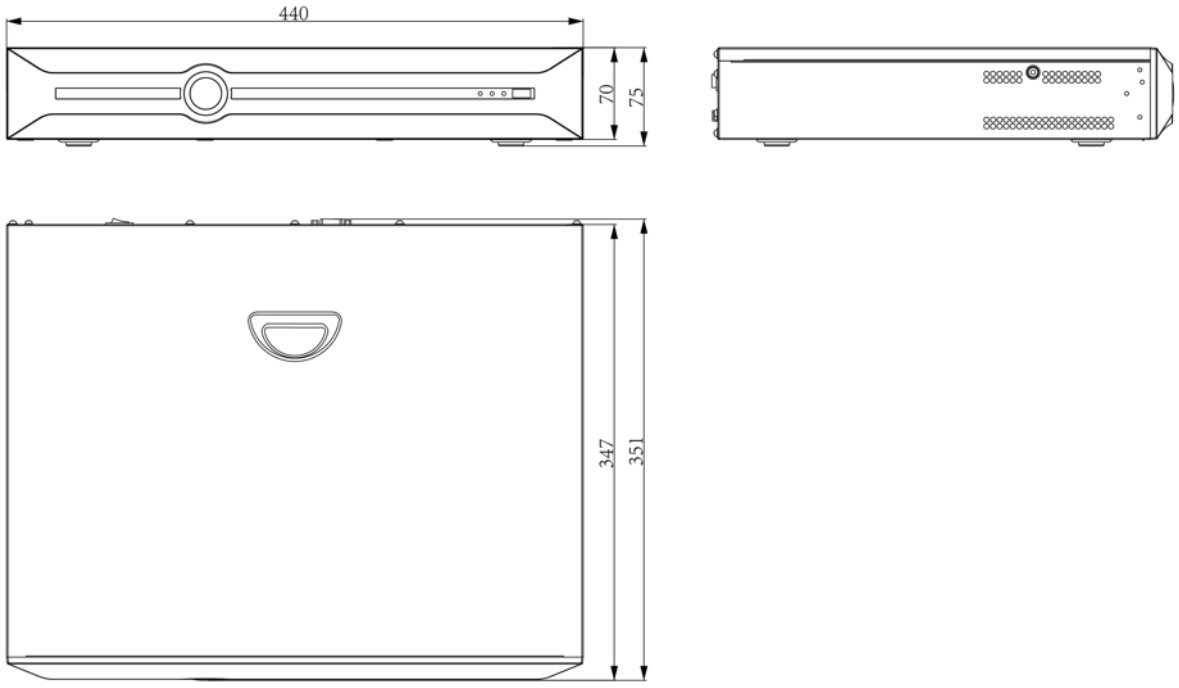
SPECIFICATIONS

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(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×5, 6MP(30fps)×6, 5MP(30fps)×8, 4MP(30fps)×10, 3MP(30fps)×13, 1080P(30fps)×20, 720P(30fps)×40, 4CIF(30fps)×40
Playback Decoding Capability	16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×5, 6MP(30fps)×6, 5MP(30fps)×8, 4MP(30fps)×10, 3MP(30fps)×13, 1080P(30fps)×16, 720P(30fps)×16, 4CIF(30fps)×16
Third-party Camera Access	ONVIF(Profile S/T); RTSP
HDMI Output	HDMI: 800×600(60Hz), 1024×768(60Hz), 1280×720(50Hz/60Hz), 1280×800(60Hz), 1280×1024(60Hz), 1366×768(60Hz), 1440×900(60Hz), 1920×1080(50Hz/60Hz), 2560×1440(30Hz/60Hz), 2560×1600(60Hz), (4K)3840×2160(30Hz/60Hz)
VGA Output	VGA: 800×600(60Hz), 1024×768(60Hz), 1280×720(50Hz/60Hz), 1280×800(60Hz), 1280×1024(60Hz), 1366×768(60Hz), 1440×900(60Hz), 1920×1080(50Hz/60Hz)
Multi-screen Display	Independent Output: HDMI: 1/2A/2B/3/4/5/6/7/8/9/10/12/13/16/20A/20B/25/32/36/40 VGA: 1/2A/2B/3/4/5/6/7/8/9/10/12/13/16/20A/20B/25/32/36/40
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 Standard	
Video Compression	S+265; H.265; S+264; H.264
Audio Compression	G.711A; G.711U; AAC; ADPCM_D
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; QoS; RTCP; RTP; RTSP; SMB/CIFS; SMTP; SNMP v1/v2/v3; SRTP; SSH; SSL; TLSv1.2; TCP; UDP; Unicast; UPnP
Client	Easy7 VMS (Win, MAC OS)
Mobile Client	EasyLive Plus (Android, iOS)
System Compatibility	ONVIF(Profile S/T/G); RTSP; CGI; SDK; P2P
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
Recording 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/Reverse/Slow/Speed/Backwards 30s/Forwards 30s/Full Screen/Backup (Video Editing)/Step/Digital Zoom/Instant Replay
Dual Stream Record	Yes
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; Array Exception; Voltage Alarm(IPC); RTC Failure; IP Address Conflict; MAC Address Conflict; Disk Overload
Intelligent Analytics	
AI by Camera	Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Running; Parking; Heatmap; Loitering; Video Abnormal; Audio Abnormal; On Duty Detection; Crowd Detection; Safety Helmet Detection; Electric Bicycle Detection; People Counting; Link to Tracking; Smoke and Fire Detection; Environmental Temperature Measurement; Face Detection; Human Body Temperature Measurement; Smart Alarm; Face Recognition; Human/Vehicle Classification; LPR
Face Recognition	
Face Picture Library	Up to 300 face libraries Up to 100000 base images
Face Picture Comparison	Yes (Cooperate with facial recognition IPC)
Search	
VCA Search	Early-warning Search; Behavior Search; Safety Helmet Search; Thermographic Retrieval; Duty Search; Electric Bicycle Retrieval; Face Search(Search by face attributes/event); Human Search(Search by human attributes)
VCA Report	Heatmap; People Counting; Face Statistics
Face Attributes Search	Gender; Age; Glasses; Face Mask; Body Temp.
Human Attributes Search	Gender; Age; Backpack; Face Mask; Glasses; Hair; Carrying Status; Top Color; Bottom Color; Top Type; Bottom Type; Riding Status
Vehicle Attributes Search	Vehicle Color; Vehicle Type; Plate Color; Plate number; Non-Motor Vehicle Passenger Status; Direction
Storage	
HDD Capacity	Up to 10 TB capacity for each HDD
Disk Group	4 Disk Group
RAID	JBOD, RAID0, RAID1, RAID5, RAID6, RAID10 (To enable RAID, please use surveillance-grade AI disks or enterprise-class disks.)
External Port	
USB	1×USB2.0; 1×USB3.0
HDMI	1×HDMI(supports up to 4K resolution output)
VGA	1×VGA
Network Interface	2×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
SATA	4×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	<15W(HDD not included, idling)
NetWeight	3.3Kg
GrossWeight	5.05Kg
Boundary Dimensions	440(L)351(W)75(H)mm
Package Dimensions	540(L)175(W)455(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*4; Mouse*1; Power Adapter(DC12V 5A)*1; European Standard Power Cord*1; Ear Plate*2; SATA Hard Disk Data Cable*4; SATA Power Cord*2; Instructions*1; Parts List*1

DIMENSIONS (Unit: mm)



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Physical Interfaces

