



## 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

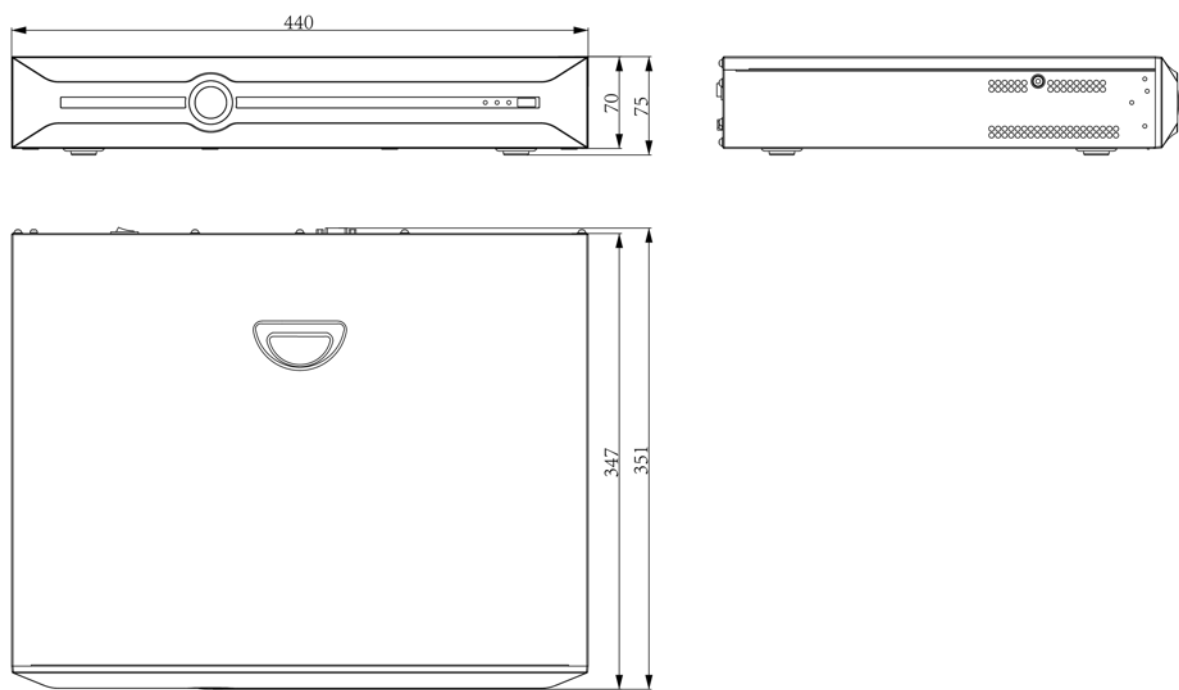
## SPECIFICATIONS

| 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:<br>HDMI: 1/2A/2B/3/4/5/6/7/8/9/10/12/13/16/20A/20B/25/32/36/40<br>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<br>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                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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| 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)



## Physical Interfaces

