



TC-R3440 Spec:I/B/P16/H/V4.0

NVR

Pro Series



KEY FEATURES

- Up to 40-ch IP camera inputs
- Access/forwarding bandwidth at 400Mbps/400Mbps
- S+265, H.265, S+264, H.264 video formats
- 16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×4, 6MP(30fps)×4, 5MP(30fps)×6, 4MP(30fps)×8, 3MP(30fps)×9, 1080P(30fps)×16 preview decoding capacity
- 16-ch synchronous playback
- 16MP(30fps)×2, 12MP(30fps)×3, 8MP(30fps)×4, 6MP(30fps)×4, 5MP(30fps)×6, 4MP(30fps)×8, 3MP(30fps)×9, 1080P(30fps)×16 playback decoding capacity
- Up to 10TB capacity for each HDD
- Independent HDMI and VGA outputs
- HDMI output at up to 4K resolution
- 1×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
- 16×RJ45, 10/100 Mbps self-adaptive Ethernet port
- S+ 265 compression effectively reduces the storage space by up to 75%
- Support cloud upgrade

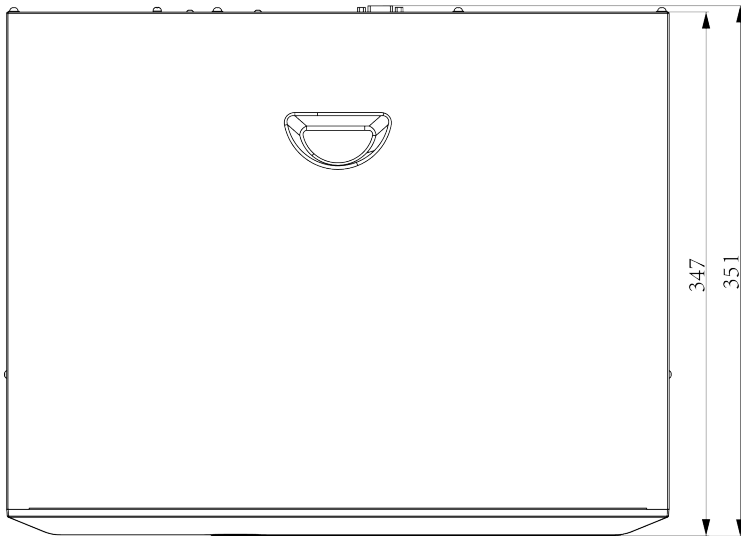
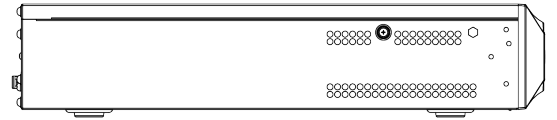
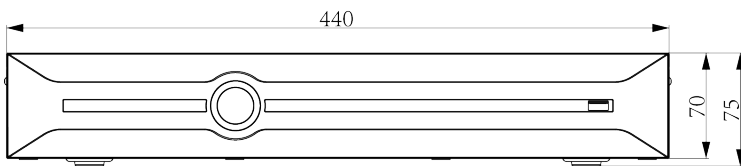
SPECIFICATIONS

| 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)×4, 6MP(30fps)×4, 5MP(30fps)×6, 4MP(30fps)×8, 3MP(30fps)×9, 1080P(30fps)×16, 720P(30fps)×32, 4CIF(30fps)×40 |
| Third-party Camera Access | ONVIF; RTSP |
| 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), (4K)3840×2160(30Hz/60Hz) |
| 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 |
| 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 |
| 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 | 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 |

| | |
|------------------------------|---|
| 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; Array Exception; PoE overloaded; IPC voltage abnormal; RTC failure |
| Intelligent Analytics | |
| AI by Camera | Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Loiter; Running; Parking; Heatmap; Lens Diagnose; Scene Switch Diagnose; 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; Cooperate with facial recognition machine |
| 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 | |
| Face Attributes | Gender; age; glasses; mouth mask; Body temp. |
| Face Recognition | |
| Face Picture Library | Up to 300 face libraries Up to 100000 base images |
| Face Picture Comparison | Cooperate with facial recognition machine |
| Storage | |
| HDD Capacity | Up to 10TB capacity for each HDD |
| Disk Group | 4 Disk Group |
| RAID | JBOD, RAID0, RAID1, RAID5, RAID6, RAID10 |
| External Port | |
| USB | 2*USB2.0; 1*USB3.0 |
| HDMI | 1*HDMI(supports up to 4K resolution output) |
| VGA | 1*VGA |
| SATA | 4*SATA interface |
| RS485 | 1*RS485 |
| Alarm I/O | 16-ch, TTL inputs, 3mA, 3.3VDC; 4-ch, relay outputs, 1A, 24VDC |
| PoE | |
| PoE Interface | 16×RJ45, 10/100 Mbps self-adaptive Ethernet port |
| PoE Budget | 200W |
| Power per PoE Port | 30W |
| Standard | IEEE 802.3 af/at |
| 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 | 100~240V AC |
| Power Consumption | <10W(without HDD&without PoE) |
| NetWeight | 4.2Kg |
| GrossWeight | 5.8Kg |
| Boundary Dimensions | 440(L)347(W)75(H)mm |

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|-----------------------|---|
| 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; European standard power cord; 2Ear plate; 4SATA hard disk data cable; 2SATA power cord |

DIMENSIONS (Unit: mm)



Physical Interfaces

