



TC-R31664 Spec:E/B/R/N/K/V4.0

H.265 16HDD 64ch Redundant power supply NVR



KEY FEATURES

- Up to 64-ch IP camera inputs
- Access/forwarding bandwidth at 400Mbps/400Mbps
- S+265, H.265, S+264, H.264 video formats
- 16MP(30fps) × 4, 12MP(30fps) × 5, 8MP(30fps) × 8, 6MP(30fps) × 10, 5MP(30fps) × 12, 4MP(30fps) × 16, 3MP(30fps) × 21, 1080P(30fps) × 32 decoding capacity
- 16-ch synchronous playback
- Up to 8TB capacity for each HDD
- Independent HDMI1 and HDMI2 outputs; Simultaneous HDMI1 and VGA1 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	64
Incoming Bandwidth	400Mbps
Outgoing Bandwidth	400Mbps
Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/Q
Decoding Capability	16MP(30fps) × 4, 12MP(30fps) × 5, 8MP(30fps) × 8, 6MP(30fps) × 10, 5MP(30fps) × 12, 4MP(30fps) × 16, 3MP(30fps) × 21, 1080P(30fps) × 32, 720P(30fps) × 64, 4CIF(30fps) × 64
Video Output Mode	Simultaneous HDMI1 and VGA1 outputs; Simultaneous HDMI2 and VGA2 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),
VGA Output	VGA: 800 × 600(60Hz), 1024 × 768(60Hz), 1280 × 720(50Hz/60Hz), 1280 × 800(60Hz),
Multi-screen Display	Independent Output: HDMI1/VGA1: 1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B/25/32/36/40/64 HDMI2/VGA2: 1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B/25/32/36/40/64
Third-party Camera Access	ONVIF;RTSP
Audio Input	1-ch, 3.5mm
Audio Output	1-ch, 3.5mm;BNC
Two-Way Audio	1-ch, 3.5mm, using the audio input
Liveview display	1/2/3/4/5/6/7/8/9/10/12/13/16/20A/20B/25/32/36/40/64
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;EasyDDNS;FTP;HTTP;HTTPS;ICMP;IGMP;IPv4;IPv6;Multicast;NFS;NTP;PPPoE;RTCP;RTP;RTSP;SMB/CIFS;SMTP;SNMP;SRTP;SSH;SSL;TLSv1.2,
Mobile Phone Access	Android;iOS;P2P
Interoperability	ONVIF(profile T/S/G);CGI;SDK
Browser	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, eSATA, Network
Playback Function	Play/Pause/Stop/Slow/Speed/Rewind/Backwards 30s/Forwards 30s/Full
Alarm	
General Alarm	Motion Detection;Mask Alarm;Alarm Input(IPC);Video Loss;Alarm Input(NVR);Manual
Alert Alarm	IP Conflict;MAC Conflict;Network Disconnected;No disk;Illegal Access;Disk Full;Disk R/W error;Video Adnormal;Abnormal found in smart of disk;Abnormal temperature
Intelligent Analytics	
VCA Detection by Camera	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Missing, Loiter, Running, Parking, Heatmap, Video Abnormal, Audio Abnormal, License Plate Recognition, On Duty Detection, Crowd Detection, Parking Guard, Safety Helmet Detection, Electric Bicycle Detection, People Counting, Link to Tracking, Smoke and Heatmap;Early-warning Search;Behavior Search;License Plate Search;Safety Helmet Search;Thermographic Retrieval;Duty Search;Electric Bicycle Retrieval;Face Search
VCA Search	

Face Detection by Camera	
Face Attributes	Gender;Age;Glasses;Face Mask;Body Temp.
Face Picture Library	Up to 300 face libraries Up to 100000 base images
Face Picture Comparison	Face Picture Comparison (Cooperate with facial recognition IPC)
External Port	
HDD	Up to 8 TB capacity for each HDD
Disk Group	8 Disk Group
RAID	JBOD, RAID0, RAID1, RAID5, RAID6, RAID10
eSATA	1×eSATA
USB	2×USB2.0;1×USB3.0
HDMI	2×HDMI(supports up to 4K resolution output)
VGA	2×VGA
Network	2×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
SATA	16×SATA interface
RS232	1×RS232
RS485	2×RS485
Alarm I/O	16-ch, TTL inputs, 3mA, 3.3VDC;4-ch, relay outputs, 1A, 24VDC
POE	
POE Interface	not supported
Power per POE Port	not supported
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	100~240V AC;Redundant Power Supply
Power Consumption	<25W(HDD not included, idling)
NetWeight	18Kg
GrossWeight	20Kg
Boundary Dimensions	540(L)484(W)132(H)mm
Package Dimensions	666(L)575(W)249(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)
Storage Humidity	10%~90%RH (non-condensing)
Package Kit	Network Video Recorder;Screw Pack;Mouse;European Standard Power Cord

