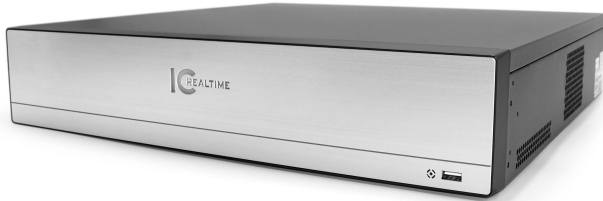


# NVR-6064K

64 Channel Ultra 4K H.265 Network Video Recorder



- Intel Processor
- Max 64 IP Camera Inputs
- Max 384Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- Supports RAID 0/1/5/10
- Smart Tracking and IVS

## System Overview

IC Realtime's next generation network video recorder offers unparalleled recording technology for IP video surveillance applications. For applications where details are critical for identification, this enterprise-level NVR provides a powerful Intel processor with up to 4K resolution. Additionally, the NVR features a mouse shortcut operation menu, remote management and control, centre storage, edge storage, and backup storage. This NVR is ideal for a wide range of applications such as public safety, transportation stations, government institutions, hotel resorts, shopping malls, city centers, and financial institutions, where demand expansion flexibility, high reliability and centralized storage management. The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems with or without a video management system (VMS). Its open architecture supports multi-user access and is compatible with ONVIF 2.4, enabling interoperability when combined with 4K cameras.

### RAID 0/1/5/10

Offering a balance between storage performance, storage capacity, and data integrity, the NVR

Features RAID 0/1/5/10 for faster and safer recording.

### N+M Hot Standby

The highly reliable redundant N+M Hot Standby design provides a secure, failover technique ensuring immediate backup. In the event of a system failure, the slave instantly takes over the master ensuring no data is lost.

### Intelligent Video System (IVS)

With built-in intelligent video analytics, the NVR has the ability to detect and analyze moving objects for improved video surveillance. The NVR provides optional standard intelligence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a predetermined line has been crossed, People Counting, ideal for business intelligence, and Facial Detection, for searching or identification of individuals.

### Fisheye Dewarping

The NVR features multiple fisheye dewarping modes to make viewing video easy whether its live or during playback.

## Technical Specification

### System

Main Processor	Intel Quad-core Processor
Operating System	Embedded LINUX

### Video

IP Video Input	64 Channel
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### Audio

Two-way Talk	1 Channel Input, 1 Channel Output, RCA
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### Display

Interface	2 HDMI (up to 3840 x 2160 , Different Source), 1 VGA
Resolution	3840 x 2160 , 1920 x 1080 , 1280 x 1024, 1280 x 720 , 1024 x 768
Display Split	1st Screen: 1/4/8/9/16/25/36 2nd Screen: 1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

### Recording

Video/Audio Compression	H.265/H.264/MJPEG
Image Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 1.3MP, 720P etc.
Record Rate	384Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular, MD (Motion Detection), Alarm, IVS), Holiday, Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec

### Video Detection & Alarm

Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 x 18), Video Loss and Tampering
Alarm Input	16 Channel, Low Level Effective, Green Terminal Interface
Relay Output	8 Channel, NO/NC Programmable, Green Terminal Interface

### Playback & Backup

Sync Playback	128 Mbps in Raid 5 Mode; 64 Mbps in single HDD Mode
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network/eSATA Device

### Network

Ethernet	2 RJ-45 Ports (10/100/1000Mbps)
Ethernet Port	2 Ethernet Ports Joint Working or 2 Independent 1000Mbps Ethernet Ports
Network Functions	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search
Max. User Access	128 users
Smart Phone	Android, iOS, iPhone
Interoperability	ONVIF 2.4, CGI Conformant

### Storage

Internal HDD	8 SATA III Ports, Up to 10 TB capacity for each HDD
HDD Mode	Single, Raid 0/1/5/10(Enterprise-level HDDs are recommended), Support Global HDD Hot-spare
External HDD	1 eSATA Port (Please contact technical engineer to confirm the compatible device)

### Auxiliary Interface

USB	4 USB Ports (2 USB 2.0 , 2 USB 3.0 )
RS232	1 Port, for PC Communication and Keyboard
RS485	1 Port, for PTZ Control

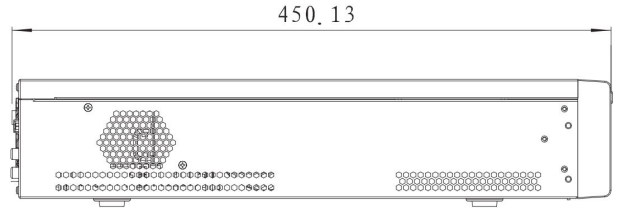
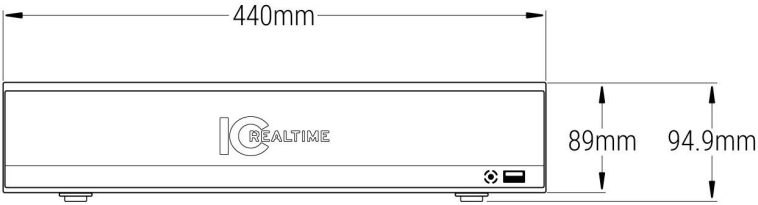
### General

Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	<20W (Without HDD)
Working Environment	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Dimensions (WxDxH)	2U, 440mm x 451.08mm x 94.85mm (17.3" x 17.8" x 3.7")
Weight	10.5kg (23.1 lb)

### Certifications

Certifications	FCC: Part 15 Subpart B, UL: UL 60950-1
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### Dimensions (mm/in)



### Panels

