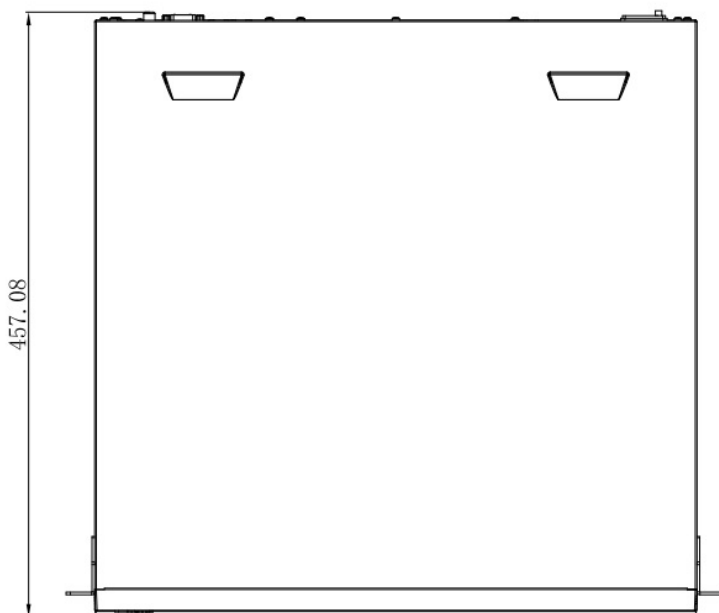
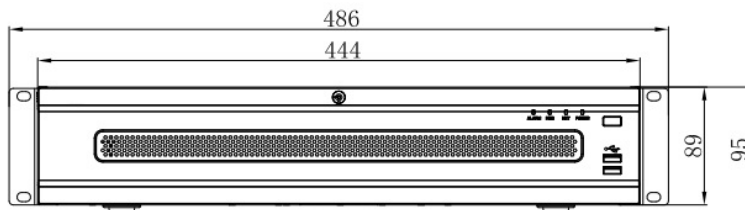


## 64-Channel 4K H.265 Network Video Recorder

- Intel Processor
- Max 64/128 IP Camera Inputs
- Max 384Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- Supports RAID 0/1/5/10
- Smart Tracking and Intelligent Video



### System Dimensions



## Technical Specifications

<b>System</b>	
Main Processor	Intel Quad-core Processor
Operating System	Embedded LINUX
<b>Video &amp; Audio</b>	
IP Camera Inputs	64 channels
Two-way Voice	1 channel Input, 1 channel Output, RCA
<b>Display</b>	
Interface	2 HDMI (up to 3840 × 2160), 1 VGA
Resolution	3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768
Multi-screen Display	The 1 <sup>st</sup> screen: 1 / 4 / 8 / 9 / 16 / 25 / 36; the 2 <sup>nd</sup> screen: 1 / 4 / 8 / 9 / 16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
<b>Recording</b>	
Compression	H.265 / H.264 / MJPEG
Resolution	12MP, 8MP, 6MP, 5MP, 3MP, 1080P, 1.3MP, 720P, etc.
Recording Rate	384Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Recording Mode	Manual, Schedule (Regular (Continuous), Video detection: Motion detection, Camera blank, Video loss), Alarm)
Recording Interval	1~120 min (default: 60min), Pre-record: 1~30 sec, Post-record: 10~300 sec
<b>Video Detection &amp; Alarm</b>	
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Obscured
Alarm Input	16 ch, Low Level Effective, Green Terminal Interface
Relay Output	8 Channel, NO/NC Programmable, Green Terminal Interface
<b>Playback &amp; Backup</b>	
Playback	128Mbps in Raid 5 mode, 64Mbps in single HDD mode
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Function	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
<b>Network</b>	
Interface	2 RJ-45 ports (10/100/1000Mbps)
Ethernet Port	2 Ethernet ports jointly working or 2 independent 1000 Mbps Ethernet ports
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search
Maximum User Access	128 users
Smart Phone	iPhone, iPad, Android
<b>Storage</b>	
Internal HDD	8 SATA III Ports, Up to 8 TB capacity for each HDD
HDD Mode	Single, Raid 0 / 1 / 5 / 10 (Supports global HDD hot-spare)
<b>Auxiliary Interface</b>	
USB	4 USB ports (2 USB 2.0, 2 USB 3.0)
eSATA	1 eSATA port
RS232	1 port, for PC communication & keyboard
RS485	1 port, for PTZ control
<b>General</b>	
Power Supply	AC100V~240V, 50~60Hz, Less than 20W (without HDD)
Working Environment	-10°C to +55°C / 10% to 90% RH / 86 to 106kpa
Dimension / Weight	2U, 444mm x 457.08mm x 95mm (17.5" x 18" x 3.7") / 9kg (without HDD)

\* Design and specifications are subject to change without notice.

## 64-Channel 4K Network Video Recorder Model Numbers :

**INS644K12T** : 64CH 4K Network Video Recorder **with 12TB** of Storage

**INS644K16T** : 64CH 4K Network Video Recorder **with 16TB** of Storage

**INS644K20T** : 64CH 4K Network Video Recorder **with 20TB** of Storage

**INS644K24T** : 64CH 4K Network Video Recorder **with 24TB** of Storage

**INS644K28T** : 64CH 4K Network Video Recorder **with 28TB** of Storage

**INS644K32T** : 64CH 4K Network Video Recorder **with 32TB** of Storage

**INS644K36T** : 64CH 4K Network Video Recorder **with 36TB** of Storage

**INS644K40T** : 64CH 4K Network Video Recorder **with 40TB** of Storage

**INS644K44T** : 64CH 4K Network Video Recorder **with 44TB** of Storage

**INS644K48T** : 64CH 4K Network Video Recorder **with 48TB** of Storage

\* Design and specifications are subject to change without notice.