HikCentral Mini Cube

From Box to Protection in Minutes

V1.4.0





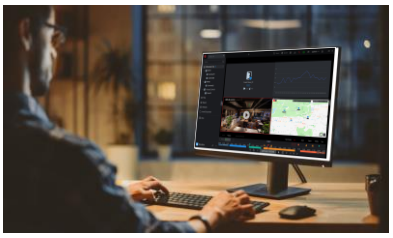
Introduction



HikCentral Mini Cube is a compact all-in-one device, tailored specifically for small and medium-sized businesses (SMBs). With HikCentral software pre-installed and licenses pre-activated, it offers true out-of-the-box usability, eliminating complex installation and deployment—allowing you to quickly set up a professional security system.

With a compact footprint of just 1.5L, Mini Cube delivers a powerful performance punch. Equipped with a high-performance i7 processor and a high-speed M.2 SSD, it ensures fast system response and stable operation. Featuring extensive connectivity for up to 128 video channels and 32 access control channels, along with a wide range of ports and flexible installation options—stand, lay flat, or mount behind a monitor—it integrates easily into any office environment.

Features



One-stop solution

› A fully integrated solution, consolidating monitoring, decoding, client, and server capabilities into a ready-to-deploy security system.
› Multiple adaptable software modules to meet diverse and evolving application needs.
› True plug-and-play operation with a pre-installed Win11 OS and a pre-activated 64-ch video license, with scalable expansion up to 128 channels.



Efficient Management

› **Multi-Role Empowerment:** Administrators, Operators, and Maintenance roles enhance operational efficiency through seamless collaboration.
› **Multi-Terminal Control:** Whether on Windows, Android, or iOS platforms, efficient and convenient management can be realized anytime, anywhere.



Compact Design

› Compact size (≤1.5L) — small, elegant, and space-saving.
› Featuring a minimalist design in matte dark space gray and premium materials for a refined, professional, and luxuriously durable feel.



Flexible Installation

› Supports vertical and horizontal placement, or can be mounted behind a monitor to save space.
› Optimized cooling ensures efficient, stable performance in any orientation.

Functions

Seamless Video Experience

- **Quick Live View and Playback**

  Automatic main and sub-stream switching for fast access

- **Efficient Target Search**

  Smart/VCA Search, AcuSearch, AcuSeek, and target retrieval display results instantly, with one-click playback

- **Intelligent Vehicle and Personnel Management**

  Manage lists, trigger alarms, and conduct attribute-based searches

- **Intuitive PTZ Control**

  Easily adjust zoom, pan, speed, presets, and patrols within the video interface

- **Smart & Budget-Friendly Storage**

  Use software servers for storing videos, pictures. Easily configure multiple recording schedules for cameras and support smart search.

Cloud Connection and Application

- **On-Premises Advantage - High Compatibility**

  Supports Hikvision and third-party cameras (both new and existing devices), no need for devices to support connecting to the cloud.

- **Cloud Connectivity Advantage - Easy Login**

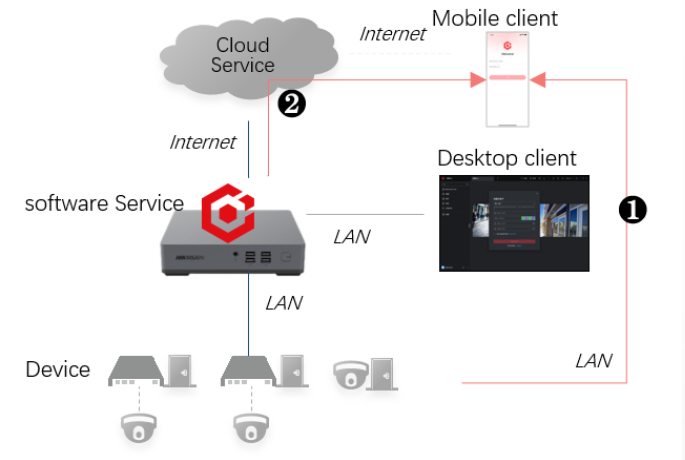
  Register via email verification, log in via the APP to access all features, no port mapping required.

- **Adaptive Multi-Network Support**

  Automatically prioritizes high-speed LAN connections; supports connecting to cloud via mobile networks.

  ❶ When a local area network (LAN) between the mobile App and devices is detected, the system automatically uses Direct Connect for higher speed.

  ❷ When only the Internet is available, data is forwarded and streamed via the cloud, completing data transfer within 2 seconds.



- **Multi-Site Access**

  One cloud account manages multiple servers, enabling easy unified management across multiple sites.

Efficient Access Control

- **Multiple Credential Options**

  Convenient access via card, fingerprint, face, iris, or PIN code.

- **Quick Batch or Temporary Access**

  Instantly assign and activate access permissions for hassle-free daily management.

- **Real-Time Door Status Monitoring**

  Monitor View or e-maps for prompt detection and resolution of anomalies.

- **Access-Video Linkage for Verification**

  Effectively reduces false alarms.

Attendance

- **Flexible Scheduling**

  Select person, time, and date to set shifts

  Modify via calendar-right-click to update

- **Fast Attendance Processing**

  Handle attendance corrections and leave requests instantly

  Manual or automatic calculation for accurate, real-time results

Visitor Management

- **Self-Service Visitor Reservation**

  Self-register and enter campus more flexibly

- **Rapid Visitor Approval**

  Authorized person approves reservations quickly via Mobile Client or Desktop Client

- **Quick Visitor Check-In**

  Add visitors directly in Mobile Client and assign credentials instantly

Intrusion Detection

- **Alarm Device Integration**

  Support AX PRO and AX HYBRID PRO devices via OTAP protocol for seamless integration

- **Real-Time Zone Surveillance**

  Centralized overview of subsystems with real-time alarm zone status

Robust Integration Capabilities

- **ONVIF Protocol Compliance**

  Allow for incorporating cameras from popular third-party security solutions

- **Support for Proprietary Protocols and Native API / SDK**

Connect video devices from other manufacturers including Dahua, Axis, and Hanwha.

Comprehensive Statistics

Diverse data analysis provides multiple statistical reports with options to export detailed data summaries.

Hikcentral Mobile APP

- **Multiple login methods**

  Log in with your email (Cloud solution, No port mapping needed.)/ server IP to unlock all APP features.

- **Remote Live View and Playback**

  Check live view and playback anywhere and anytime. Receive alarms and check immediately.

- **Remote Open/Close door**

  Remotely open and close the door, and check live view from the linked camera.

- **Remote Video Intercom**

  Receive remote intercom requests.

- **APP Search**

  Supports advanced search for video content, access control logs, and vehicle records. Support VCA search.

■ Devices and Channels

LICENSES	Pre-activation	MAX SPEC
Video Management (include ANPR channels & Facial & Body camera channels)	*64 Channels*	*128 Channels*
ANPR	*2 Channels*	*8 Channels*
Facial & Body Recognition	*2 Channels*	*16 Channels*
Security Alarm	*1 Channel*	*8 Channels*
Access Control (or Outdoor Station)	*8 Doors*	*32 Doors*
People Counting Report	Support	Support
Attendance	Support	Support
Visitor	Support	Support

Software Performance Specification

Features		Maximum Performance
Manageable Resources	Cameras (Including cameras accessed by ONVIF protocol and third-party cameras)	128 (No more than 8 ANPR cameras and 16 cameras for face picture comparison and body recognition are allowed.)
	Doors	32
	Security Control Panels	8
	Alarm Inputs	256
	Alarm Outputs	256
	External Streaming Servers	64
Access Control	Persons	2,000
	Cards	6,000
	Profile Pictures	2,000
	Fingerprints	4,000
	Irises	4,000
Intelligent Recognition	Face Picture Libraries	64
	Face Pictures	2,000
Main Panel for Monitoring and Control	Resources in One View	64
	Resources in Multiple Views	256
	Areas	256
	Map	Total E-Maps: 16 Maps in One View: 4
Users, Roles, and Permissions	Local Users	128
	Cloud Users	128
	Roles	64
	Online Users on Desktop	64
	Online Users on Mobile Clients	64
Event and Alarm	Events Receiving	20/s
	Number of Alarm Rules	1,000
	Speed of Pushing Alarms / Events / Notifications from Server to One Client	20/s
Data Storage	Video Storage Throughput	600 Mbps
	Retention Period of Captured Faces, ANPR Records, Events, Intelligent Analysis Data, Access Records, and System Logs	3 Years
	Storage Capacity (including captured faces, ANPR records, events, intelligent analysis data, access records, and system logs)	10 million

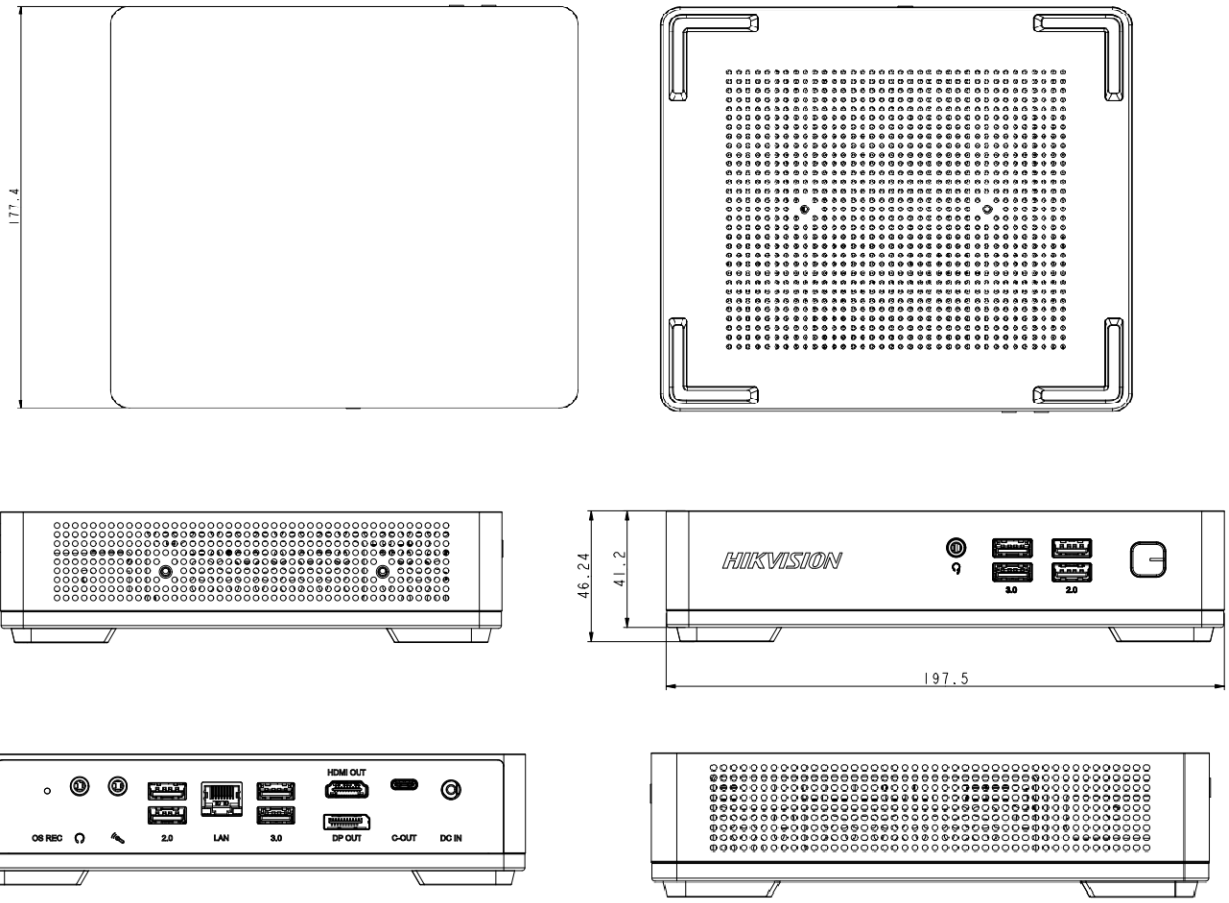
Performance of Hardware Decoding

Frame Rate (fps)	Bit Rate (Mbps)	Resolution	Max. Live View Channels
30	6	1080p	32
30	12	8 MP	8

Hardware Specification

System Parameters	CPU	• i7
	Memory	• 16 GB
	Hard Drive	• 512GB SSD
	Operating Syste	• Win 11
	Chassis Size	• 1.5 L
	Chassis Dimensions (L x W x H)	• 197.5 mm × 177.4 mm × 41.2 mm
Ports	USB Ports	• 4 x USB 3.0；4 x USB 2.0；1 x Type-C
	Network Port	• 1 x RJ45 Gigabit Ethernet (10M/100M/1000M auto-sensing), supports Wake-on-LAN
	Audio Ports	• Front : 1 x Audio Combo Jack • Rear : 1 x MIC in (Pink), 1 x Audio out (Green)
	Other Ports	• 1 x HDMI • 1 x DP • 1 x Reset Button
General	Weight (excluding hard drive)	≤1.45 kg
	Operating Temperature	0 °C to 35 °C (32 °F to 95 °F)
	Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)

Dimensions (mm)



See Far, Go Further

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