HikCentral Lite V1.1.1

HikCentral Lite is a Hikvision's security management software that helps overcome key security challenges on a single platform.

Tailored for small and medium-sized enterprises, HikCentral Lite offers robust protection and peace of mind for your business. With advanced video and access control features, it ensures premium security across various scenarios.

Key Features

Seamless Video Experience

- **Quick Live View and Playback**
  Automatic main and sub-stream switching for fast access
- **Efficient Target Search**
  VCA, AcuSearch, 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 HCL servers for storing videos, pictures, and files. Easily configure multiple recording schedules for cameras and support smart search.

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

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

Software Specifications

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
	External Streaming Servers	64
Access Control	**Persons**	500
	Cards	1,500
	Profile Pictures	500
	Fingerprints	1,000
	Irises	1,000
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	**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

System Requirements

* For high stability and good performance, the following system requirements must be met.

Client	Operating System
Server	Microsoft® Windows 11 64-bit Microsoft® Windows 10 64-bit Microsoft® Windows Server 2019 64-bit Microsoft® Windows Server 2016 64-bit Microsoft® Windows Server 2012 R2 64-bit Microsoft® Windows Server 2012 64-bit Microsoft® Windows Server 2022 Microsoft® Windows Server 2025 **For Windows Server 2012 R2, make sure it is installed with the rollup (KB2919355) updated in April, 2014.*
Desktop	Microsoft® Windows 11 64-bit Microsoft® Windows 10 64-bit Microsoft® Windows Server 2019 64-bit Microsoft® Windows Server 2016 64-bit Microsoft® Windows Server 2012 R2 64-bit Microsoft® Windows Server 2012 64-bit Microsoft® Windows Server 2022 **For Windows Server 2012 R2, make sure it is installed with the rollup (KB2919355) updated in April, 2014.*
Mobile Client	iOS 14.0+ Android 6.0+

Recommended Hardware Specifications

Feature	Configuration 1 (NVR Storage)	Configuration 2 (System Storage)
CPU	Intel® Core™ i5-12500	Intel® Core™ i7-12700
RAM	2*8 GB	2*8 GB
NIC	GbE Network Interface Card	GbE Network Interface Card
SSD for OS	Enterprise Class SSD	Enterprise Class SSD
HDD for Video Storage	Enterprise-class HDD or high performance network HDD. It should support writing or reading of 10 MB/s.	Enterprise-class HDD or high performance network HDD. It should support writing or reading of 20 MB/s.
SSD Capacity for Database	At least 500 GB	At least 500 GB
OS	Microsoft® Windows 10 64-bit or later	Microsoft® Windows 10 64-bit or later

Decoding Performance of Desktop

The performance is tested based on the following configuration.

Feature	Configuration
Recommended Model	DS-VP41D-C/HW5
CPU	Intel® Core™ i5-12500 3.0.0 GHz
RAM	16 (8+8) GB
NIC	Intel® Ethernet Connection (17) I219-LM
Graphics Card	Intel®UHD Graphics 770
OS	Microsoft® Windows 10 (64-bit)

Performance of H.264 with Hardware Decoding

Frame Rate (fps)	Bit Rate (Mbps)	Resolution	Max. Live View Channels
30	6	1080p	35
30	12	8 MP	10
25	6	1080p	42
25	12	8 MP	12

Performance of H.264 with Software Decoding

Frame Rate (fps)	Bit Rate (Mbps)	Resolution	Max. Live View Channels
30	6	1080p	15
30	12	8 MP	5
25	6	1080p	17
25	12	8 MP	6

Performance of H.265 with Hardware Decoding

Frame Rate (fps)	Bit Rate (Mbps)	Resolution	Max. Live View Channels
30	3	1080p	41
30	6	8 MP	11
25	3	1080p	45
25	6	8 MP	15

Performance of H.265 with Software Decoding

Frame Rate (fps)	Bit Rate (Mbps)	Resolution	Max. Live View Channels
30	3	1080p	13
30	6	8 MP	4
25	3	1080p	15
25	6	8 MP	5

See Far, Go Further

HIKVISION