



**HikCentral Enterprise-Commercial V1.1.1
Datasheet**

Introduction

HikCentral Enterprise-Commercial is a flexible, scalable, reliable and powerful central surveillance system. It provides central management, information sharing, convenient connection and multi-service cooperation. It is capable of adding devices for management, live view, storage and playback, alarm linkage, access control, parking managements, time and attendance, and so on.



Key Components

1. Server Modules

Module ID	Module Name
HikCentral Enterprise-SM	System Management (Mandatory)
HikCentral Enterprise-VMS	Video Surveillance Management
HikCentral Enterprise-ACS	Access Control
HikCentral Enterprise-PMS	Parking Management
HikCentral Enterprise-TAS	Time and Attendance
HikCentral Enterprise-Visitor	Visitor Management
HikCentral Enterprise-ECS	Elevator Control
HikCentral Enterprise-VideoWall	Video Wall
HikCentral Enterprise-SCPMS	Intrusion
HikCentral Enterprise-FRS	Facial Surveillance
HikCentral Enterprise-NCG	Video Network Gateway
HikCentral Enterprise-GTPS	Patrol
HikCentral Enterprise-MPC	Campus Checkpoint
HikCentral Enterprise-VIS	Video Intercom
HikCentral Enterprise-Storage	Central Storage

2. Clients

- Web Client
- Control Client
- Booth Client
- Self-Service Client

- Manual Visitor Client

3. Mobile APPs

- HikCentral Enterprise Mobile APP (iOS/Android)
- HikCentral Enterprise HD Mobile APP (iOS/Android)
- iPad Video Wall Controller (iOS only)
- Face Picture Collection APP (iOS/Android)

System Requirements

Feature	Description
OS for Server	CentOS 7.2 (64-bit) CentOS 7.4 (64-bit) CentOS 7.6 (64-bit)
OS for Control Client	Microsoft® Windows 7 (32/64-bit) Microsoft® Windows 10 (64-bit)
Browser Version	Internet Explorer 11 and above Chrome 63.0.3239.108 and above
OS for Mobile APP	iOS 10 and later Android phone OS version 5.0 or later

Software Specification

The following table shows the maximum performance of the HikCentral Enterprise-Commercial.

Component	Feature	Max. Performance
Base Functions	Areas	20,000
	Organizations	50,000
	Users	200,000
	Simultaneous Online Users	5,000
	Roles	10,000
	Persons	300,000
	Cards	300,000
Events & Alarms	Simultaneous Events	300 Events/s
	Event Storage	72,000,000 Events
	Event Retention Period	3 Years
Maps	Resources in Map	20,000
	Maps per Area	4
Video Surveillance	Channels for Video Surveillance	100,000
	Video Walls	10
	Decoding Devices	128
	Screens per Video Wall	25 × 25
Access Control	Access Control Devices	20,000
	Access Points (Doors)	20,000
	Access Records Storage	50,000,000 Records

	Access Records Retention Period	3 Years
Time & Attendance	Persons for Time and Attendance	200,000
	Access Records Storage	40,000,000 Records
	Attendance Records Storage	10,000,000 Records
	Access Records Retention Period	3 Years
	Attendance Details Retention Period	3 Years
Elevator Control	Elevator Control Devices	500
Patrol Management	Simultaneous Patrol Routes	50 Routes
	Card Swiping Records Storage for Patrol	8,000,000 Records
	Patrol Data Retention Period	3 Years
Video Intercom	Indoor Stations	10,000
	Video Intercom Devices	10,000
	Access Records Storage	50,000,000 Records
	Access Records Retention Period	3 Years
Parking	Vehicles per Day	100,000 Vehicles per Day
	Parking Lots	20
	Lanes	60
	Parking Spaces	10,000
	Registered Vehicles	30,000
Campus Checkpoint	Capture Cameras	30
	Display Screens	30
	Passing Vehicle Records Storage	10,000,000
	Passing Vehicle Records Retention Period	3 Years
Facial Surveillance	Facial Recognition Servers	5
	Face Capture Cameras	500
	DeepinMind NVRs	100
	Face Recognition Schedule Applying Speed	1.6 Faces/s in Average
	Faces	300,000
	Face Groups	16
	Simultaneous Facial Recognition Events	200 Events/s
Intrusion	Security Control Panels	100
	Zones	1,000
	Zones per Area	1,000
	Alarm Records Storage	1,000,000
Panic Alarm	Panic Alarm Devices	500
	Alarm Records Storage	1,000,000
	Alarm Records Retention Period	3 Years
Central Storage	Channels	100,000

Hardware Specification

Hardware	
Processor	Intel® Xeon™ Silver 4110 (2.1G, 8C/16T, 9.6GT/s)
Operating System	CentOS 7.2 (64-bit) CentOS 7.4 (64-bit) CentOS 7.6 (64-bit)
Memory	16G RDIMM × 2, 2666MT/s RDIMMS
Storage	1T SATA × 2, 3.5" Enterprise SATA 7.2k HDDs
RAID	H330 RAID Controller with RAID 1
Drive bays	up to 8 x 3.5" SAS/SATA HDD
Optical Drive	DVD+/-RW, SATA, Int
NIC	1GbE × 4
Chassis	2U, Rack Mount
Battery	CR-2032 Coin Cell/Lithium/0.0032kg
Power Supply	495W AC Power Supply × 2
Embedded management	iDRAC9, Express
I/O & Ports	Front ports: VGA, 2 x USB 2.0, dedicated iDRAC Direct Micro-USB Rear ports: VGA, serial, 2 x USB 3.0, dedicated iDRAC9 network port
Dimensions (W × D × H)	482.38 mm × 755.8 mm × 87.3 mm (18.99" × 29.76" × 3.44")
Weight	23.5 kg
Dimensions with Package (W × D × H)	960 mm × 610 mm × 295 mm (37.8" × 24.02" × 11.61")
Weight with Package	32.1 kg (70.8 lb)



See Far, Go Further