HIKVISION

HikCentral Enterprise V1.0.0 Datasheet

Introduction

HikCentral Enterprise 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-VMS	Video Surveillance Management
HikCentral Enterprise-ACS	Access Control
HikCentral Enterprise-PMS	Parking Management
HikCentral Enterprise-ATT	Attendance Management
HikCentral Enterprise-VIM	Visitor Management
HikCentral Enterprise-ECS	Elevator Control
HikCentral Enterprise-NCG	Video Surveillance Management Cascade Gateway

2. Clients

- Web Client
- Control Client
- Booth Client
- Self-Service Vehicle Tracking and Parking 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	Microsoft® Windows Server 2008 R2 (64-bit)
	Microsoft® Windows Server 2012 R2 (64-bit)
	Microsoft® Windows Server 2016 (64-bit)
OS for Control Client	Microsoft® Windows 7 (32/64-bit)
	Microsoft® Windows 10 (64-bit)
Browser Version	Internet Explorer 10/11 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.

Feature	Item	Max Performance
Base Functions	Areas	1,000
	Organizations	10,000
	Users	1,000
	Simultaneous online users	100
	Roles	100
	Persons	50,000
	Cards	100,000
Events & Alarms	Simultaneous Events	300 Events/s
	Event Storage	72,000,000 Events
	Event Storage time	3 years
Maps	Resources in Map	10,000
	Maps per Area	4
Video Management	Channels	10,000
	Smart Walls	10
	Decoding Devices	128
	Screens per Wall	25 x 25
Access Control	Doors	5,000
	Swipe record storage	50,000,000 records
	Swipe record storage time	3 years
Attendance Control	Persons for Attendance Control	3,000
	Swipe record storage	20,000,000 records
	Attendance record storage	10,000,000 records
	Swipe record storage time	3 years
	Attendance detail storage time	3 years
Elevator Control	Elevator Control Devices	100

Parking	Vehicles per day	20,000 vehicles per day
	Parking Lots	20
	Lanes	40
	Parking spaces	5,000
	Registered vehicles	5,000

Hardware Specification

Hikvision bought 3-year platinum service from Dell. You can get assistance from your regional Dell support center if you encounter any problems on the Dell server.

For details, refer to *Maintenance Guide of Dell All-In-One Server*.

Features	HikCentral Server E38S
Processer	Intel® Xeon™ Silver 4110 (2.1G, 8C/16T, 9.6GT/s)
Operating System	Microsoft® Windows Server 2016 Standard (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