

## HikCentral-Workstation/64

HikCentral-Workstation/64 is integrated with the simplified HikCentral Professional and the licenses are pre-activated. The out of box product meets versatile security challenges in small and medium security scenes in one intuitive platform: from managing individual systems such as video security, access control, intrusion alarm, etc., to collaborating multiple systems under a unified architecture. While protecting people and property, it makes daily operations more efficient, and helps various kinds of users make smarter decisions.



### Key Feature

#### Home Page

- Providing two predefined Home page modes on Web Client, including system installation and management mode, security control and management mode
- Supports customizing Home page mode on Web Client
- Supports customizing control panel on Control Client
- Supports switching Home page mode for visualization and non-visualization management
- Providing different report dashboards for resource status, access records, vacant parking spaces, alarms, etc., on the Home page of Web Client

#### Wizard

- Providing wizards for video management, access control, vehicle management, alarm detection, and time & attendance on Web Client

#### Live View and Playback

- Custom window division configurable
- Viewing maps and real-time events during live view and playback
- Stream type self-adaptive, transcoded playback, and frame- extracting playback
- Fisheye dewarping of multi-channel
- Controlling PTZ in visualization way
- Supports decoding stream from cameras with high-definition, such as PanoVu series camera

#### Visual Tracking

#### Recording and Storage

- Recording schedule for continuous recording, event recording and command recording
- Storing videos on encoding devices, Hybrid SANs, and cloud storage servers
- Providing main storage and auxiliary storage
- Providing video copy-back
- Storing alarm pictures on NVRs, Hybrid SANs, cloud storage servers, or HikCentral server
- Supports search of VCA event related videos, video footages, and event triggered video footages.

#### Event and Alarm Management

- Camera linkage, alarm pop-up window and multiple linkage actions
- Multiple events for video security, access control, resource group, resource maintenance, etc.
- Supports adding combined alarms in a visualization way

## Person Management

- Getting person information from added devices
- Provides multiple types of credentials, including card number, face, and fingerprint, for composite authentications

## Access Control and Video Intercom

- Setting schedules for free access status and access forbidden status of doors
- Supports multiple access modes for both card reader authentication and person authentication
- Supports assigning an access level to persons, assigning access levels to persons, assigning access levels to person groups, and assigning access levels to an access group
- Supports advanced functions such as multi-factor authentication, anti-passback, and multi-door interlocking
- Controlling door status in real-time
- Calling indoor station by the Control Client
- Calling the platform by door station and indoor station, and answering the call by the Control Client
- Supports setting card templates and printing cards
- Supports storing access data of devices supporting ISUP to the local storage

## Security Control

- Real-time alarm management for added security control panels
- Adding zone as hot spot on E-map and viewing the video of the linked camera
- Event and alarm linkage with added cameras, including pop-up live view, captured picture
- Subscribing the events that the Control Client can display in real-time
- Acknowledging the received alarm on the Control Client

## Vehicle and Parking Management

- Managing parking lots, entrances and exits, and lanes.
- Supports linking guidance screens with parking lot for information display
- Setting entry & exit rules for registered vehicles as well as temporary vehicles
- Entrance and exit control based on license plate recognition, card, or video intercom
- Viewing real-time and history vehicle information and controlling barrier gate manually on the Control Client

## Temperature Screening

- Displaying the skin-temperature and whether wearing a mask or not about the recognized persons in real time
- Triggering events and alarms when detects abnormal temperature and no mask worn
- Viewing reports about skin-surface temperature and mask-wearing

## Face and Body Recognition

- Displaying the information of the recognized persons in real-time
- Searching history records of recognized persons, including searching in captured pictures, searching matched persons, searching by features of persons, and searching frequently or rarely appeared persons
- Supports generating movement patterns for matched persons and playing patterns on the map
- Supports setting multiple rules for dumping access records

## Third-Party Integration

- Sending the original attendance data to a third-party database (Microsoft® SQL Server, MySQL, PostgreSQL, or Oracle), thus the client can access third-party T&A and payment system
- Supports dumping access records as the CVS or TXT files to the local storage
- Supports setting table name, table fields, and mode for the third-party database

## Network Management

- Managing network transmission devices such as switches, displaying the network connection and hierarchical relationship of the managed resources by a topology
- Viewing the network details between the device nodes in the topology, such as downstream and upstream rate, port information, etc. and checking the connection path
- Exporting the topology and abnormal data to check the device connection status and health status

## Software Specification

Features		Maximum Performance
<b>Devices and Resources</b>	Cameras <i>*Including up to 8 ANPR Cameras and up to 4 Cameras with Face Capture Function</i>	64
	Managed Device IP Addresses <i>*Including Encoding Devices, Access Control Devices, and Security Control Devices</i>	256
	Indoor Stations	16
	Alarm Inputs (Including Zones of Security Control Devices)	32
	Alarm Outputs	32
	ANPR Cameras	8
	Cameras with Face Capture Function	4
	Security Radars	2
	Areas	128
	Cameras per Area	64
	Alarm Inputs per Area	32
	Alarm Outputs per Area	32
<b>Recording</b>	Recording Schedule	128
	Recording Schedule Template	32
<b>Event &amp; Alarm</b>	Event and Alarm Rules	128
	Storage of Events or Alarms without Pictures	10/s
	Events or Alarms Sent to Clients <i>*The clients include Control Clients and Mobile Clients.</i>	10/s 16 Clients/s
	Notification Schedule Templates	100
<b>Picture</b>	Picture Storage <i>*Including event/alarm pictures, face pictures, and vehicle pictures.</i>	10/s
<b>Reports</b>	Regular Report Rules	64
	Event or Alarm Rules in One Event/Alarm Report Rule	32
	Records in One Sent Report	10,000 or 10 MB
	Resources Selected in One Report <i>*With this limitation, you can generate a neat and clear report via the Control Client and it costs less time.</i>	20
<b>Data Storage</b>	Data Retention Period	Stored for 6 Months
<b>Users and Roles</b>	Concurrent Accesses via Web Clients and Control Clients	16
	Concurrent Accesses via Mobile Clients	16
	Users	32
	Roles	32
<b>Vehicle (ANPR)</b>	Vehicle Lists	50
	Vehicles per Vehicle List	500
<b>Entrance &amp; Exit</b>	Lanes	8
	Cards Linked with Vehicles	2,500
	Vehicle Passing Frequency in Each Lane	1 Vehicle/s
	Entrance/Exit Station	8
<b>Face Comparison</b>	Persons with Profiles for Face Comparison	10,000
	Face Comparison Groups	16
	Persons in One Face Comparison Group	1,000
<b>Access Control</b>	Persons with Credentials for Access Control	5,000
	Total Credentials (Card + Fingerprint)	25,000
	Cards	25,000
	Fingerprints	20,000
	Profile Pictures	5,000

	Access Points (Doors + Outdoor Station )	16
	Access Levels	32
	Access Schedules	32

## Decoding Performance of Control Client

Resolution	Video Encoding Type	Recommended Bite Rate and Frame Rate	Maximum Hardware Decoding Channels	Maximum Software Decoding Channels
4CIF (704*576)	H.264	1024 kbps * 30 fps	36	31
	H.265	512 kbps * 30 fps	30	30
720P (1280*720)	H.264	2048 kbps * 30 fps	12	10
	H.265	1024 kbps * 30 fps	12	8
1080P (1920 × 1080)	H.264	4096 kbps * 30 fps	6	5
	H.265	2048 kbps * 30 fps	6	4
4 MP (2560 × 1440)	H.264	8192 kbps * 30 fps	3	2
	H.265	4096 kbps * 30 fps	3	2
6 MP (2560 × 2560) (Fisheye Camera)	H.264	12288 kbps * 30 fps	2	2
	H.265	6144 kbps * 30 fps	2	2
8 MP (3840 × 2160)	H.264	16384 kbps * 30 fps	1	1
	H.265	8192 kbps * 30 fps	1	1
12 MP (4000 × 4000) (Fisheye Camera)	H.264	16384 kbps * 20 fps	1	1
	H.265	8192 kbps * 20 fps	2	1

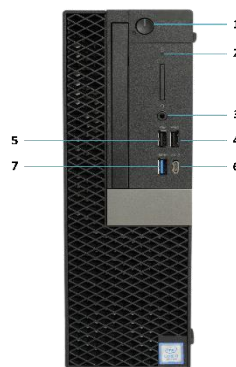
## Hardware Specification



<b>Processor</b>	Intel® Core™ i5-8500 (6Cores/9MB/6T/ Up to 4.1GHz/65W)
<b>Operating Systems</b>	Microsoft® Windows 10 IoT Ent (64-bit)
<b>Memory</b>	2 × 4GB 2666MHz DDR4 UDIMM
<b>Graphics Card</b>	Integrated Intel® HD Graphics 630
<b>Storage</b>	M.2 256GB SATA Class 20 solid state drive
<b>NIC</b>	Integrated Intel I219-LM Ethernet LAN 10/100/1000
<b>I/O Ports</b>	10 External USB: 1 × USB Type-C 3.1 Gen 2, 5 × 3.1 Gen 1 Type-A (1 Front, 4 Rear), 4 × USB 2.0, 1 × RJ-45, 2 × Displayport, 1 × Serial, 2 × PS/2
<b>Form Factor</b>	Small Form Factor
<b>Power Supply</b>	300W typical 90% Efficient PSU (80 PLUS Bronze)
<b>Dimensions (H × W × D)</b>	29cm × 9.26cm × 29.2cm (11.42" × 3.7" × 11.5")
<b>Weight</b>	7.57lbs / 5.26kg
<b>Certification</b>	CE, FCC, UL
<b>Warranty</b>	36 Months

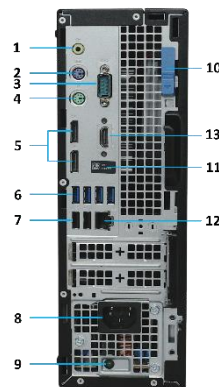
### Front View

- 1- Power Button and Power Light
- 2- Hard Drive Activity Light
- 3- Headset/Universal Audio Jack Port
- 4- USB 2.0 Port with PowerShare
- 5- USB 2.0 Port
- 6- USB 3.1 Gen 2 Port with PowerShare
- 7- USB 3.1 Gen 1 Port



### Back View

- 1- Line-Out Port
- 2- PS/2 Keyboard Port
- 3- Serial Port
- 4- PS/2 Mouse Port
- 5- Display Ports
- 6- USB 3.1 Gen 1 Ports
- 7- USB 2.0 Ports (Supports SmartPower On)
- 8- Power Connector Port
- 9- Power Supply Diagnostic Light
- 10- Release Latch
- 11- Service Tag Label
- 12- Network Port
- 13- HDMI Port



**Note:** By default, the DP to VGA adapter will be provided.

## System Requirement

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

Feature	Description
<b>OS for Control Client</b>	Microsoft® Windows 11 64-bit Microsoft® Windows 10 (64-bit) Microsoft® Windows 8.1 (32/64-bit) Microsoft® Windows 7 SP1 (32/64-bit) Microsoft® Windows Server 2022 Microsoft® Windows Server 2019 (64-bit) Microsoft® Windows Server 2016 (64-bit) Microsoft® Windows Server 2012 (64-bit) Microsoft® Windows Server 2012 R2 (64-bit) Microsoft® Windows Server 2008 R2 SP1 (64-bit) <i>*For Windows 8.1 and Windows Server 2012 R2, make sure it is installed with the rollup (KB2919355) updated in April, 2014.</i>
<b>Browser Version</b>	Chrome 100 and above Firefox 100 and above Safari 13 and above Internet Explorer 11 and above
<b>Database</b>	PostgreSQL V11.8
<b>OS for Smartphone</b>	iOS 10.0 and later Android phone OS version 6.0 and above
<b>OS for Tablet</b>	iOS 10.0 and later Android tablet with Android OS version 6.0 and above

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