

# HIK INSIGHT

- ✓ HikvisionSA Month of AcuSense Campaign in Feb
- ✓ How the latest Hikvision Motion Detection supports detection of real security threats faster
- ✓ HikSA Live is Launched

## An Insight of Hikvision's Commitment to Excellency

# 2021

# START

Hikvision South Africa

Jan/Feb 2021 Issue



## Monthly HIK INSIGHT

Issued by HIKVISION SOUTH AFRICA

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# 1. Tripod Turnstile

The DS-K3G411 series tripod turnstile is designed to detect unauthorized entrance or exit. By adopting the turnstile integrated with the access control system, person should authenticate to pass through the lane via presenting IC or ID card, scanning QR code, etc. It is widely used in attractions, stadiums, construction sites, residences, etc.

## Selling Points

**01 Good performance in anti-tailgating**

**02 Multiple authentication methods**

Support MinMoe face terminal, card and alternative choice of fingerprint or QR code.

**03 MCBF: More than 3 million times**



## Technical Specifications

Land Width	550 mm land width
Capacity	Up to 60,000 card capacity and 180,000 event capacity
Interface	TCP/IP, I/O, RS232, RS-485
Throughput	More than 35 persons per minute
Dimension	Without package: 502 mm × 202 mm × 1010 mm (19.8" × 8.0" × 41.0") With package: 745 mm × 365 mm × 1120 mm (29.3" × 14.4" × 44.1")

## 2. HikCentral-Workstation

HikCentral-Workstation is a cost-effective product embedded with HikCentral Professional (V1.7) software and Windows operating system.



Released  
HikCentral-Workstation/32  
HikCentral-Workstation/64

### 01 Selling Points

Combining the server and client of HikCentral Professional, it can achieve efficient management of live view, playback, facial recognition, ANPR, access control, video intercom, alarm management, etc.

02 It is suitable for small and medium-sized project

### Technical Specifications

Performance	Key Features	HikCentral-Workstation/32	HikCentral-Workstation/64
Software <i>*expansion not supported</i>	Cameras <i>*Including ANPR Cameras and Cameras with Face Capture Function</i>	32	64
	ANPR Cameras	4	8
	Cameras with Face Capture Function	2	4
	Access Points (Doors + Outdoor Station)	8	16
	Video Intercom Devices <i>*Including Indoor Station</i>	8	16
	Alarm Inputs	32	32
Maximum Hardware Decoding Channels	Resolution: 1920 × 1080	6	8
	Resolution: 2560 × 1440	3	5
	Resolution: 3840 × 2160	1	2
	Resolution: 2560 × 2560 (Fisheye Camera)	2	4
	Resolution: 4000 × 4000 (Fisheye Camera)	1	2

# 3. 2nd Gen. ANPR — vehicle analysis camera

2nd generation ANPR camera has a great upgrade, mainly in three aspects:

- Supports dual modes to meet different scenarios
- Higher performance to improve the capture rate
- Vehicle attributes analysis

## Selling points

### 01 Dual modes to meet different scenarios

① **Vehicle priority:** recognizes the license plates after detecting vehicles



Pedestrian crossing



Pedestrians clothing



Roadside fence

② **License plate / vehicle:** detects license plates and vehicle at same time

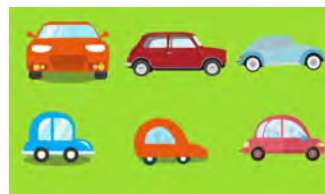


### 02 Higher performance to improve the capture rate



Compared to the first generation ANPR cameras, deep learning algorithm runs on high performance chips can effectively improve the capture rate.

### 03 Vehicle attributes analysis



License plate  
Vehicle type  
Vehicle color  
Vehicle brand  
Moving direction



iDS-2CD7026G0/P-AP  
iDS-2CD7046G0/P-AP



iDS-2CD7026G0/EP-IHSY  
iDS-2CD7046G0/EP-IHSY



iDS-2CD7A26G0/P-IZHS(Y)  
iDS-2CD7A46G0/P-IZHS(Y)

-Y models support wiegand



DF5(T3)  
DF6(T3)  
DF6A(T3)  
DF7(T3)  
DF8(T3)  
DF8A(T3)

## 4. AcuSense Live Guard Cameras



Your 24/7 guard - detects human/vehicle intruders and react immediately with strobe light and audio alarms. Customized audio allows various applications. Warnings or greetings, you can upload your words to AcuSense live guard cameras with Hik-Connect App.



### Product model:

DS-2CD2046G2-IU/SL  
DS-2CD2026G2-IU/SL  
DS-2CD2386G2-ISU/SL  
DS-2CD2346G2-ISU/SL  
DS-2CD2326G2-ISU/SL  
DS-2CD2T86G2-ISU/SL

DS-2CD2T46G2-ISU/SL  
DS-2CD2T26G2-ISU/SL  
DS-2CD2686G2-IZSU/SL  
DS-2CD2646G2-IZSU/SL  
DS-2CD2626G2-IZSU/SL

## Selling Points



AcuSense live guard camera works as a 24/7 guard to detect human/vehicle intruders. It generates strobe light and audio alarms to alert users before emergencies occur and protect users from potential risks by warning intruders off. Moreover, its two-way audio capability allows flexible applications in various scenes.



The strobe light can be turned on or off. From “Welcome” to “Mind the gap”, you may have the AcuSense live guard camera say anything you want.



Configurations are easy with Hik-Connect App. Users can record or upload customized audio file (.wav) and set one-touch arming/disarming configuration with Hik-Connect App.

## Technical Specifications

- Supports 2/4/8 MP HD resolution.
- Human/vehicle classification alarms allow users to focus on interest targets, with false alarm reduction rate of 98%. The human/vehicle detection distance (25/30/40 m respectively to 2.8/4/6 mm lens) is improved by 100% compared to that (10/15/22 m respectively to 2.8/4/6 mm lens) of 1st generation AcuSense products.
- Motion detection is widely used among CCTV users due to its easy configuration. Human/vehicle classification on motion detection makes motion detection alarms more reliable and saves users' time in checking on motion detection alarms.

[Learn More](#)

## 5. ColorVu Cameras



Hikvision ColorVu Cameras' powerful ability to capture details in low lighting comes from two specific breakthroughs in hardware technologies: advanced lenses and high-performance sensors. Coupled with a supplemental light for extremely dark scenarios, ColorVu cameras guarantee video with colorful details when you need them.



### F1.0 Super Aperture

- f/1.0 super aperture collects more light to produce brighter images
- 4x amount of light of conventional cameras

### Advanced Sensor

- Vastly improves the utilization of available light
- Self-adaptive 3D Digital Noise Reduction to remove noise and ensure full motion video

### Friendly Lighting

Supplemental light is only needed for extremely dark environments.

### Product model:

- 4 MP** DS-2CD2347G1-L(U) DS-2CD2347G1-L(U) DS-2CD2047G1-L
- 2 MP** DS-2CD2327G1-L(U) DS-2CD2327G1-L(U) DS-2CD2027G1-L
- Analog** DS-2CE12DF3T DS-2CE10DF0T

## Selling Points



- True Color Information
- Accurate color rendering
  - Excellent performance in low-light environments



- More Details
- Clearly captured color information and richer details compared to black and white imaging



- Better Visual Experience
- Balanced brightness
  - F1.0 super aperture and advanced sensor guarantee realistic rendering

[Learn More](#)

# 02 SOLUTION

## Scenario-based Inclusive Package

### Solution Background

After a long period of business development, we have accumulated a large number of customers with high project capabilities in overseas market. These customers are the guarantee for Hikvision's access to the overseas project market. In addition to large-scale PBG and EBG vertical solutions (such as Smart Retail Solution, Smart Education Solution, Smart Industrial Park Solution, etc.), our customers also face a large number of pipeline projects with general solutions, and are highly reproducible. (Such as 50 to 100 channel video surveillance projects). These small- and medium-sized pipeline projects are our major targets for products up-selling and cross-selling. We need to use light intelligent products, non-CCTV products, transmission & display products, E&E products and software platforms to deliver better product values to customers in a scenario-based manner, and bring them more advantages in the form of product packages in such projects. At the same time, based on the development of the pipeline project business, we can gradually sort out the portraits of our second level SI customers, and consolidate the channel of project-based products.

### Solution Design

Based on the above objective environment and requirement considerations, we have launched Scenario-based Inclusive Packages. The design of this inclusive package is based on the position of the SI basically. Whether it is the description of the solution highlights or the extraction of the solution value, they are all explained on the basis of this: how can our products and solutions help the SI to win more projects and create greater profits. Based on this, the inclusive package is designed with the following three core concepts.



#### Saving Cost

Compared with purchasing different equipment from different suppliers, the overall packaged sales model allows the SI to save significant costs (such as learning costs, installation costs, etc.) in the design, development, operation, and maintenance of the solution, thus improving its comprehensive competitiveness.



#### Raising Customer Loyalty

The overall scenario-based modularized design makes the system very easy to expand the scale, and add new functions and modules, etc., so SI can continue to iterate on the basis of the end users' existing projects, and introduce new products and functions to continuously realize added value and cultivate their stickiness.



#### Better Price

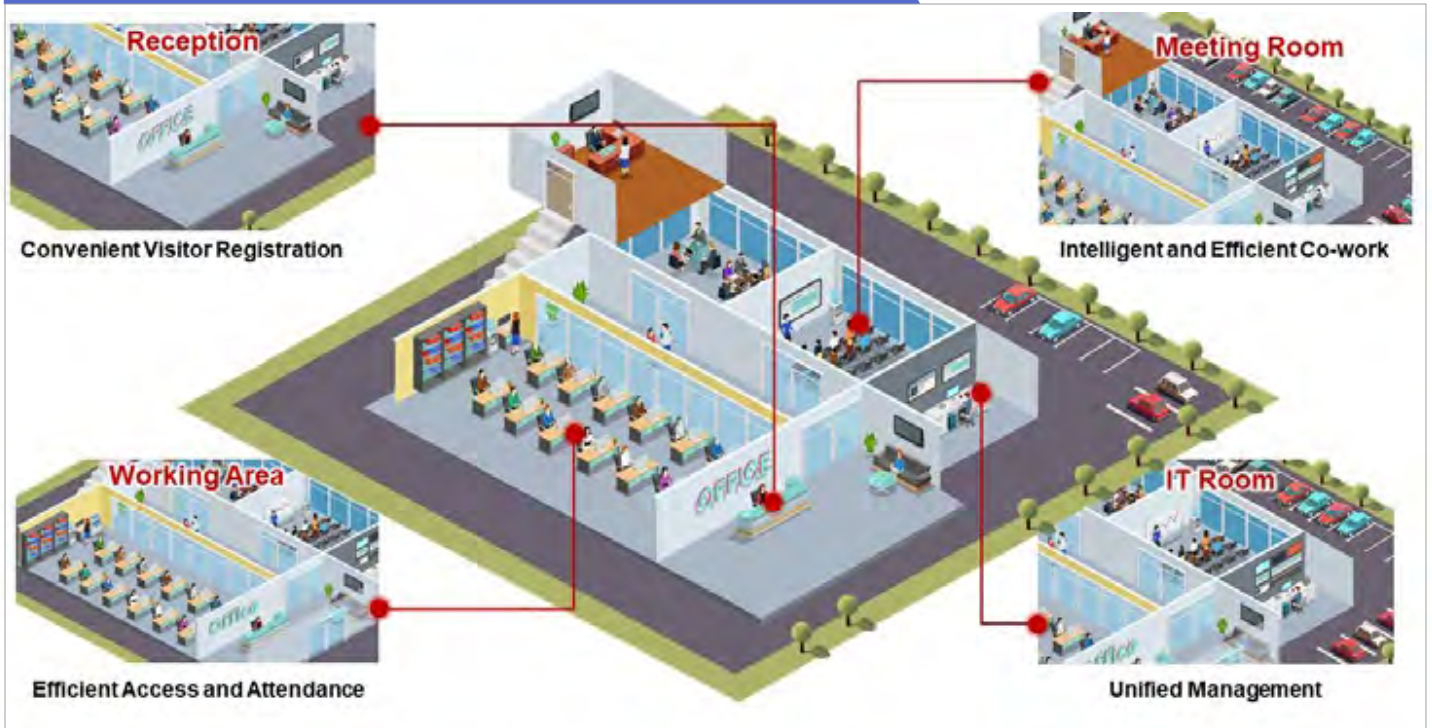
Compared with individual purchases, the overall packaged sales form allows SI to obtain more favorable prices. In the specific project design, on the basis of running through the above core concepts, each solution takes the scenario as the first dimension. By splitting the scenarios of each vertical, we refine the core business in each scene, and design the corresponding solution.



## Solution Introduction

The inclusive package includes totally 4 solutions: office, factory, condominium and store.

### Office Scenario - based Inclusive Package



#### Reception

##### Convenient Visitor Registration

Office is a place where lots of visitors come and go, and the management of such temporary people is crucial. Through HCP, the visitors' identity and authority can be managed efficiently and conveniently. After the registration on the system, when the visitor comes, he can register at the front desk and can be granted the corresponding authority quickly. After leaving, the authority will be automatically withdrawn.

#### Meeting Room

##### Intelligent and Efficient Co-work

The interactive tablet can realize convenient and fast computer projection, split-screen display, whiteboard, free notes and other functions, comprehensively optimizing team assistance and improving conference efficiency.

#### Working Area

##### Efficient Access and Attendance

Minmoe terminal integrates fingerprints, cards, and face recognition together in one device, and can achieve efficient access control and reliable attendance data recording. Compared with traditional access control devices, Minmoe has higher accuracy and speed, leading to higher access efficiency, which ensures the office's running efficiency. At the same time, it supports the collection of overall attendance data, which can not only realize the basic attendance function on the HCP side, but also pass the data to the owner's own platform for professional attendance management.

#### IT Room

##### Unified Management

- The light weight HCP platform can realize central management of CCTV, alarm management, access control, visitor management, operation and maintenance;
- The I series NVR, professional security monitors, etc. can help users to deploy cost-effective, highly reliable monitoring centers.

# Factory Scenario-based Inclusive Package



## Entrance/Exit

### Highly Efficient Vehicle Passing, Digitalized Visitor Registration

- The solution supports license plate recognition and card, the dual authentication mode, and together with the central video intercom function, and it can meet the requirements of application scenarios with and without booths, and both residence and visitors can achieve fast and efficient passage. The solution is easy to deploy and has strong scenario adaptation capability.
- Through HCP, the temporary identity and permissions of visitors can be easily and quickly configured, which not only guarantees the precise management and control of the visitor's permissions, but also completely records the visitor's overall movement in the factory park, comprehensively improving the security of the temporary personnel management.

## Warehouse

### Enhanced Security Fire Prevention

- The thermal camera can give alarms when the temperature exceeds the threshold, so as to achieve warehouse fire protection. Compared with the traditional fire prevention methods which are based on smoke detection, thermal camera fire prevention can give early warnings when the object is over temperature but has not burned. So, it can prevent fire more effectively.
- The AX series alarm host supports both wired and wireless detectors, so it is easy to deploy. And also, it supports connecting cameras directly, so that when the alarm occurs, operator in the monitoring center can view the scene remotely and thus take effective countermeasures in time.

## Perimeter

### Proactive Respond to Incident

With the help of core devices such as ColorVu cameras and DeepinMind NVRs, we turn the perimeter protection from passive to active.

## Workshop

### Efficient Peak Hour Access, Reliable Attendance Record

As a place with high people density, people passing efficiency during rush hours in the factory's entry & exit is a pain point of the management team. Compared with traditional access control equipment, the Minmoe terminal is more efficient, which can effectively avoid crowding during peak hours. At the same time, it supports attendance data collection, and it can not only realize the attendance management locally in the HCP, but also transfer the data to the factory's own OA/HR software for professional time and attendance management.

## Control Room

### Unified Management

Uses HCP for centralized management of the whole system.

## Condominium Scenario-based Inclusive Package



### Entrance/Exit

#### Highly Efficient Vehicle Passing

The Flexible and efficient entrance & exit management system supports both license plate recognition and card mode, and can be applied at scenarios with or without a booth.

### Lobby

#### Luxury Access Experience, Reliable High Quality Video

- The Minmoe terminal combines triple authentication of face recognition, card and fingerprint together in device, helping SI to cover most of the project requirements. HCP platform can provide unified and efficient central personnel management.
- Provides SI with a rich and powerful selection of CCTV products: WDR cameras, mini PanoVu cameras, multi-lens cameras...

### Key Zone/Perimeter

#### Proactive Respond to Incident

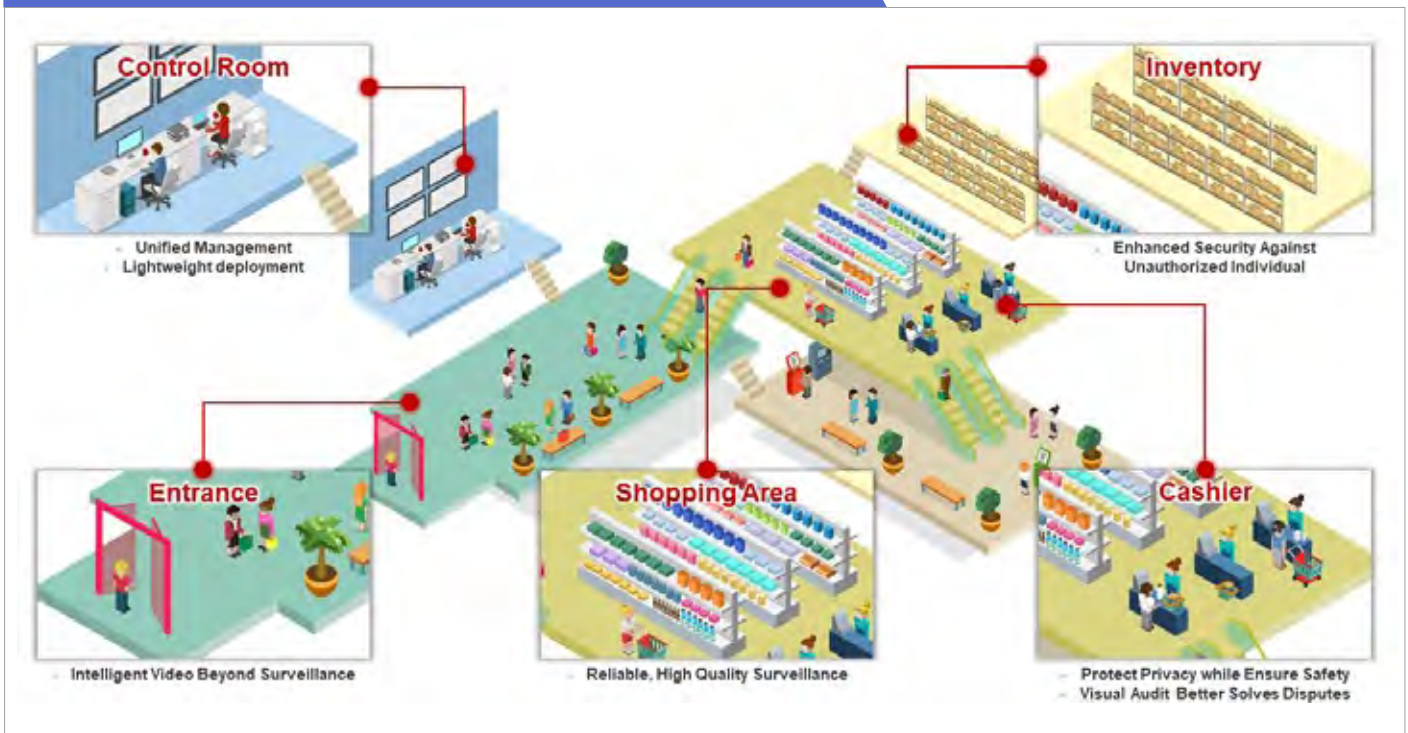
- ColorVu camera provides 24/7 full-color vision, showing more realistic scenes and richer details.
- Enhanced by DeeminMind NVR false alarm reduction technology, we turn the protection from passive evidence collection to active risk prevention, which can protect the security more effectively.

### Control Room

#### Unified Management, Lightweight Deployment

Uses HCP for centralized management of the whole system.

## Store Scenario-based Inclusive Package



### Entrance

#### Intelligent Video Beyond Surveillance

- The dual-lens people counting cameras has 3D vision, so it can not only achieve high-precision customer flow counting, but also calculate the real-time area people retention.
- With DeepinMind NVR and IP cameras, we can achieve a 5-in-1 solution: unauthorized person alarm, VIP customer recognition, high frequency customer analysis, face recognition people counting and daily surveillance.

### Shopping Area

#### Reliable, High Quality Surveillance

The fisheye camera can do 360° panoramic monitoring without blind spots. It is simple to deploy and has high monitoring efficiency. And it can analyze the customer moving status in the store area, helping the store owner to optimize the shelves arrangement.

### Inventory

#### Enhanced Security against Unauthorized Individual

Uses Minmoe terminal to conduct authority control with face recognition, card and fingerprint, preventing unauthorized personnel from entering the warehouse.

### Cashier

#### Visual Audit Better Solves Disputes

By integrating the POS NVR with POS machine, the transaction data from the POS machine can be overlaid to the video, thereby synchronizing the video and the transaction action.

### Control Room

#### Unified Management, Lightweight Deployment

Uses HCP for centralized management of the whole system.

# 03 Technical

## Hik-Connect 4.11.0 Release

### Note

For more details please refer to the release note.

Link: <https://one.hikvision.com/#/link/6cIA7k363dC2keJLiPA>

Password: LfGe

APP download Link: <https://appstore.hikvision.com/>

## Added Function



### 01 New Supported Device - Network Switch

**Note:** Some models are to be released in December 2020.

Supports showing network switches in the device list.

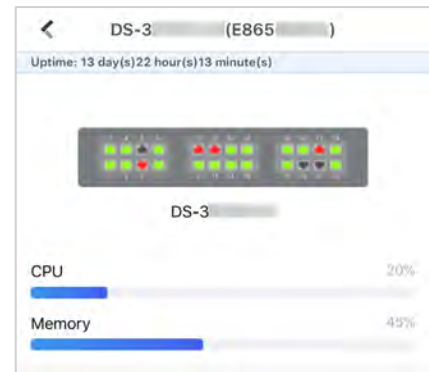
Supports showing the status of a network switch on the device details page.

Supports sending a notification when port connection changes or an exception occurs/restores.

### 02 Reset Device Password

Supports resetting the password of authorized devices with the assistance of Installer.

**Note:** The validity period of password reset application is 5 minutes.



## Optimizations

### 01 Cloud Service

Optimized the entry for accessing cloud services.

Cloud services are now gathered in the new Cloud Service page which provides all the Hik-ProConnect related services in one place.

**Service Notifications**

**Device Authorization**

**Deauthorized Devices**

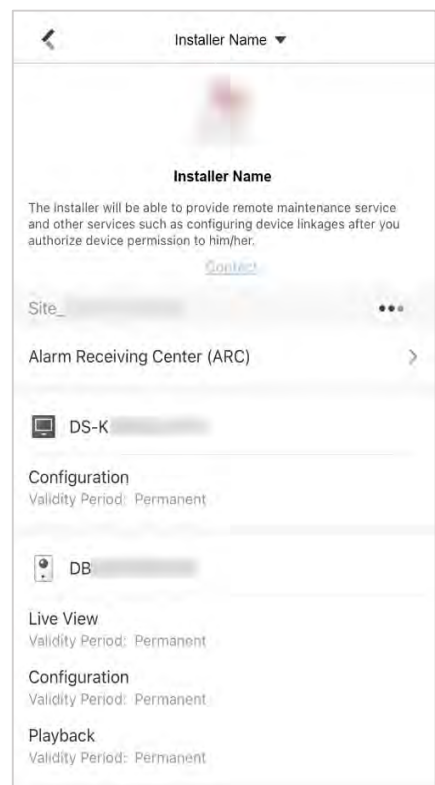
**Cloud Features**

### 02 Home Page

1. Optimized the Home page for login. Visitor Mode is now shown only after tapping Login/Register.

2. Removed the list mode. The device list is now in thumbnail mode, showing rich device information at a glance.

3. Optimized the hint for tapping the Playback icon when no device is added to the Mobile Client.



# iVMS-4200 Product Discontinuation

For more details please refer to the Discontinuation note.

Link: <https://one.hikvision.com/#/link/GYlktguWfc66xZhGiry2>

Extract passwords: INFj

## Discontinuation Details

iVMS-4200 VS Client Software and iVMS-4200 Client Software belong to iVMS-4200 series product line. iVMS-4200 Client Software covers all the functions of iVMS-4200 VS Client Software. Therefore, in order to improve the efficiency and provide better service to our customers, HIKVISION will discontinue iVMS-4200 VS Client Software from January 31, 2021.

## Discontinued Product Information

Series	Name	Date of Discontinuation	Recommended Product
iVMS-4200	iVMS-4200 VS Client Software	January 31, 2021	iVMS-4200 Client Software
iVMS-4200	Storage Server	January 31, 2021	HikCentral Professional + pStor
iVMS-4200	Stream Media Server	January 31, 2021	HikCentral Professional

## Support Information

For more information or search for alternative solutions, you can visit the HIKVISION international website.

Reference No.: 20210106\_01

Product Classification: iVMS-4200 VS Client Software

Issue Date: January 6, 2021

Last Continuation Date: January 31, 2021

# 04 HIK NEWS

## Top 10 Security Industry Trends in 2021

In spite of a highly unusual 2020, the security industry's constant transformation has not stopped. Several significant shifts in the use of technology are even accelerating – for example the increasing of multi-perception technologies, the convergence of security systems, the popularity of artificial intelligence, and the rise of cloud solutions.



These changes are expanding and reshaping the scope of the security industry, from keeping people and assets safe to creating more secure, efficient and intelligent environments.

Looking ahead at 2021, we have high hopes, and Hikvision would like to share some encouraging ideas and thoughts here regarding key trends that may affect the security industry in both the short- and long-term.

### 1) Intelligent video technology helping during the pandemic

In the face of the COVID-19 pandemic, businesses are prioritizing finding ways to resume operations safely. Intelligent video technology has shown great potential to help companies keep their employees and customers safe while getting back to work.

Powered by AI, security cameras monitor densely populated locations to ensure employees follow vital safety precautions – including social distancing, mask wearing and flow control – and provide initial temperature screenings.

Employees are avoiding unnecessary physical contact with shared hardware in this tense era, accelerating the touchless access control system trend we have seen in the market. Numerous modes of touchless verification – face recognition, palmprint recognition, NFC and QR codes – are being heavily promoted.

### 2) Multi-dimensional perception

### 3) Visibility – Any time, any condition

### 4) 5G technology for UHD and wireless video security

### 5) Convergence of multiple security systems

### 6) Digital transformation of enterprises enabled by video security systems

...

[Learn More](#)

# 04 HIK NEWS

## How the latest Hikvision Motion Detection supports detection of real security threats faster

Security teams using traditional motion detection technologies regularly experience false alarms caused by everything from heavy rain to falling leaves, flowing water, or even passing wildlife. To help teams identify and respond to real security breaches faster, Hikvision has embedded its flagship AcuSense technology in its Motion Detection functionality, which supports identification of human and vehicle targets, and take security teams straight to the video evidence they need.

Until recently, most systems with traditional motion detection used 'pixel changes' to trigger alerts. While this approach can pick up real security threats, like an intruder breaching a perimeter wall, there is also a high risk of false alarms.



This is especially the case in 'movement intensive' environments, such as areas close to running water, busy roads, or farms where large animals roam. In these types of spaces, many motion detection systems are unable to distinguish between normal or expected movements and potential security threats – rendering them ineffective.

Additionally, there's the challenge of actually finding video evidence once a breach has occurred. In spaces where movement is constant, teams need to review every minute of footage manually – increasing workloads, frustration and – ultimately – costs as well.

### **Changing the game with AcuSense-powered Motion Detection 2.0**

To address the challenges, Hikvision has upgraded its Motion Detection with its AcuSense technology. This takes motion detection to the next level with features for distinguishing human beings and vehicles from other objects in any given environment, and tools to make video searches as smart and quick as possible.

### **Focusing on real security threats with people and vehicle detection**

#### **Searching video faster**

#### **Making it simple with default configuration**

[Learn More](#)



# 04 HIK NEWS

## HikvisionSA Month of AcuSense Campaign in Feb

Interested in winning prizes worth of **R60,000**? Troubled with false alarms?  
Join Hikvision month of AcuSense campaign today to focus and act, also to win extra prizes!

*Activity time: 1st Feb-28th Feb*

### Tripled Points

Who can participate?  
Everyone who has Hik ePartner APP and authorized for scanning permissions

### AcuSense Lottery

Who can participate?  
Everyone who has Hik ePartner APP!



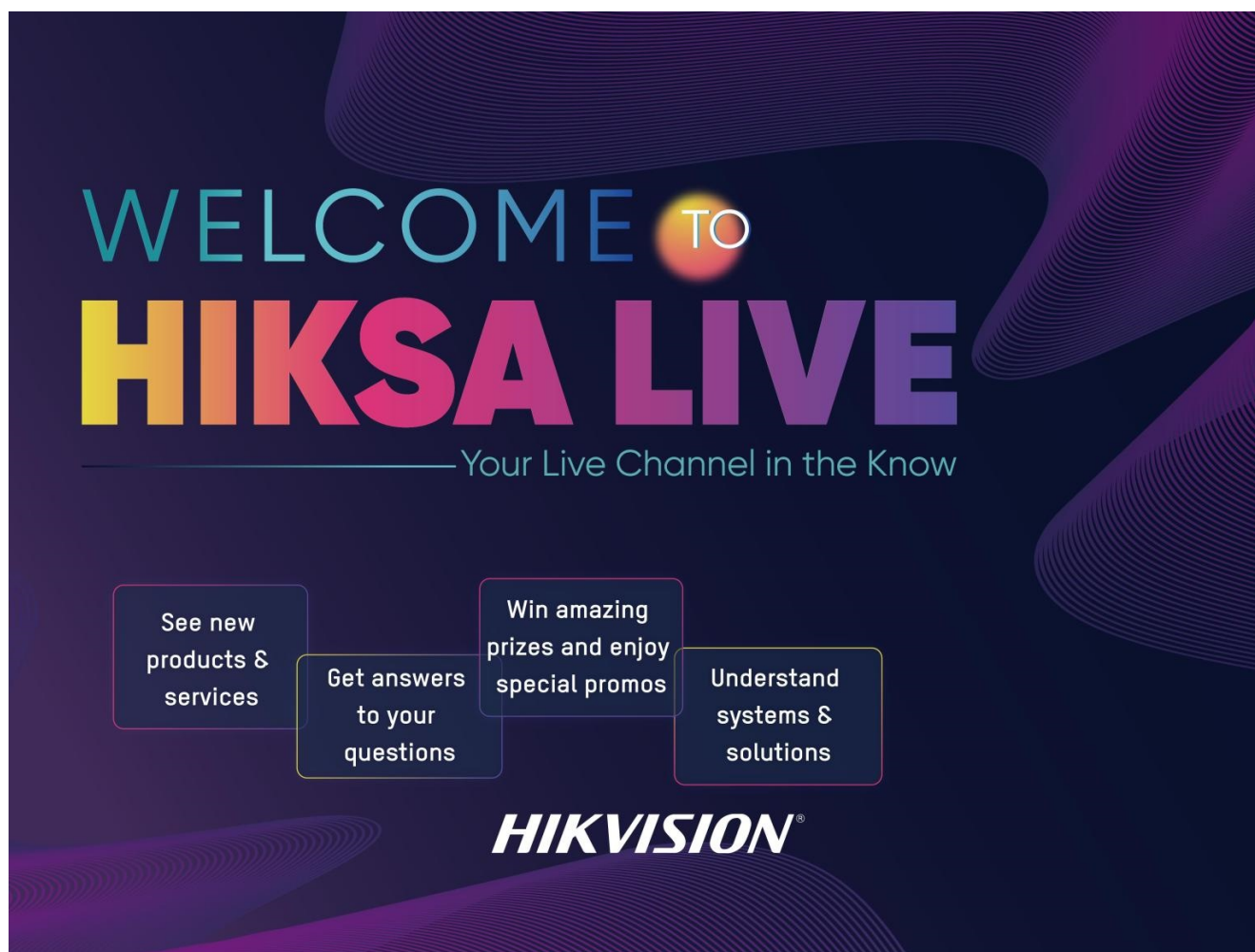
Download Hik ePartner to Join Today

[Learn More](#)

# 05 Webinars

## HikSA Live is Launched

HikSA Live is a platform for interactive #webinars revolving around Hikvision's systematic products and solutions. You can learn about Hikvision's latest products and solutions through live presentations and live demos, and enjoy the lucky draw for Shoprite group voucher, FREE cameras, airtime, huge promo and etc.

A promotional graphic for HikSA Live. The background is dark blue with purple and yellow wavy patterns. The text 'WELCOME TO HIKSA LIVE' is prominently displayed in the center. Below it, the tagline 'Your Live Channel in the Know' is written in a smaller font. At the bottom, there are four callout boxes with rounded corners, each containing a benefit of the platform. The HikVISION logo is positioned at the bottom center of the graphic.

WELCOME TO  
**HIKSA LIVE**  
Your Live Channel in the Know

- See new products & services
- Get answers to your questions
- Win amazing prizes and enjoy special promos
- Understand systems & solutions

**HIKVISION**

[Register NOW](#)



**2021**

**Thank you**  
Issue 7 to be released