Video surveillance does not have to be complex. Technological advancements in every corner of our lives are becoming more and more simplified and user-friendly. And it’s true in security, too.

What makes the best security system? The right components in the right places. And for the small to medium sized businesses with budget and time restrictions, Hikvision has got the right solution. The EasyIP 4.0 Solution.

For those who know the earlier EasyIP versions, this is the go-to out-of-the-box system. With new and intelligent features, the EasyIP 4.0 Solution gets more done – and does it smarter.

The EasyIP 4.0 Solution from Hikvision is truly the easier way to better security. Keep reading to see all the benefits EasyIP 4.0 offers.

EasyIP HISTORY

In 2012, Hikvision launched the first iteration of the EasyIP Solution, making a significant impact on the industry. EasyIP 1.0 employed the H.264 codec and offered 1, 2, and 3 MIP cameras.

Hikvision responded to the increased demand for its renowned solution, applying more advanced technologies. In 2014, the result was EasyIP 2.0, utilizing the H.265+ codec, and this time offering 2 and 4 MIP cameras. More than that, the 2.0 Version carried VCA+ IP20 Video Dynamic Range cameras and Hi-lite Connect series, opening up new possibilities and enhancing system management.

In 2017, the EasyIP 3.0 Solution featured the H.265+ codec, maximizing resources and taking video surveillance resolution up to MP. Sharp, vivid imaging during the day was complemented by powerful Darkfighter technology at night. What’s more, the 3.0 version provided more VCA features, enhanced power-user/SmartrE technology functionality, and more.

But Hikvision did not stop there. The EasyIP 4.0 Solution builds on the already powerful features, now adding colorful imaging in test-light environments with Hikvision ColorVu technology. Hikvision AcuSense technology - now in both front-end and back-end products - provides more efficient security management.

The best SNS solution just got better!
Hikvision AcuSense Technology

Based on deep learning algorithms, Hikvision AcuSense technology can now perform target classification. This technology immensely increases the alarm accuracy rate and brings a more convenient and effective way to search through video clips.

Hikvision ColorVu Technology

With Hikvision ColorVu technology, zero-light environments are no longer a problem for security. Better lenses, more advanced sensors, and soft supplemental lighting come together to take image quality, even in total darkness, to a new level.

OTHER FEATURES

- H.265+ codec
- 120 dB WDR
- Powered by DarkFighter

HIKVISION AcuSense TECHNOLOGY

False Alarms

People and vehicle intrusions are the most common concerns in perimeter protection. However, conventional security surveillance systems lack the ability to classify object types, resulting in endless false alarms.

False alarms caused by different objects:

- Animals
- Lights
- Trees
- Spiderwebs
- Limbs or leaves
- Rain

Problems associated with too many false alarms:

- Unnecessary Information: Users receive too much irrelevant information
- Low Alarm Effectiveness: False alarms cause low alarm effectiveness
- High Labor Costs: Extra costs accrue when users have to double-check each alarm
- Low User Satisfaction: Room to improve user experience with fewer false alarm notifications
False Alarm Reduction

Envisioned by deep learning algorithms, Envision AcuSense technology brings precise target classification to life and back-end systems. The system can greatly reduce false alarms generated by targets other than humans or vehicles, vastly improving alarm efficiency and effectiveness, as well as reducing false calls. Notifications to the API or app can be customized for events caused by other target types. These events, however, are sent to the NVR for double-checking.

Quick Target Search

Browse large amounts of files to find the one you need. Without quick target searches, finding video clips related to specific persons or vehicles is both time-consuming and impractical.

More efficient and effective file searching using human and vehicle classification.

Select faces or objects can quickly retrieve all video clips with humans or vehicles from stored clips. Refer to the NVR specifications for details.
Strobe Light and Audio Alarm

Ward off potential intruders by combining alarms with flashing light

Cameras equipped with Hikvision AcuSense technology now have the ability to identify and classify objects into three categories: human, vehicle, and other. In perimeter protection, when cameras classify a moving object as human, they trigger an alarm and flashing light to ward off intruders.

Capture facial information of intruders

Cameras with strobe light and audio alarm provide better opportunities to capture facial information of intruders because people are inclined to turn to the source of sudden lights and sounds.

*Only select Hikvision AcuSense cameras support this function.

Application Scenarios

Warehouses

Critical Infrastructure

Borders

Residential Areas

Parking Areas

Campuses
HIKVISION ColorVu TECHNOLOGY

24/7 Colorful Imaging

Darkness provides cover for theft, trespassing, and other crimes. When incidents occur at night, Hi-Vis low-light images of conventional cameras lack of low-light details. Infrared LEDs provide ultra-light for scenes imaging. The images, however, are black and white. Imagine capturing vivid, colorful details in total darkness...such as on clothing in a car. Hikvision ColorVu Technology is the answer.

Bright and Colorful Imaging

Large Apertures
F2.0 large-aperture collects more light to produce brighter images.

F2.0
Conventional Camera

F1.5
ColorVu Camera

40% more light of conventional cameras

Non-Dazzling Lighting
White, environmentally-friendly, warm and safe supplemental lighting works to guarantee colorful images, even in complete darkness. The brightness is adjustable on a scale of 0-100.

Advanced Sensors
The 4 MP 1/1.8” advanced sensor is further enhanced with the Backlight Compensation (BLC) and Wise Dynamic Range (WDR) technologies to ensure bright and colorful imaging in virtually all lighting conditions.