JUST THE RIGHT INTELLIGENCE IN JUST THE RIGHT PLACES
EasyIP 4.0 SOLUTION

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Video surveillance does not have to be complex. Technological advancements in every corner of our lives is 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 MP 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 MP cameras. More than that, the 2.0 version carried XUE-DRF or Dynamic Range cameras and Hi-look Connect service, opening up new possibilities and streamlining system management.

In 2017, the EasyIP 3.0 Solution featured the H.265+ codec, maximizing resources and taking video surveillance resolution up to 5 MP. Smart imaging during the day was complemented by powerful Darkfighter technology at night. What’s more, the 3.0 version provided more VCA functions, enhanced power-over-Ethernet functionality, and more.

But Hikvision did not stop there. The EasyIP 4.0 Solution builds on the already powerful features, now offering colorful imaging in low-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 SMB 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.

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 alarms remains

False alarms caused by different objects:

- Animals
- Lights
- Trees
- Spiderwebs
- Limbs or leaves
- Rain
False Alarm Reduction

Enabled by deep-learning algorithms, Horizon AcuSense technology brings precise target classification to theft- and back-end devices. 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 cost. Notifications to the APP or GUI can be checked 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 humans or vehicles 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

8 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, 4K low-light images of conventional cameras lose critical details. Hikvision® LEDs provide extra light for clear imaging. The images, however, are black and white. Imagine capturing vivid, colorful details in total darkness — such as on clothing or a car. Hikvision ColorVu Technology is the answer.

![HIKVISION ColorVu Camera](image1)
![Traditional Camera](image2)

### Supplemental Light On

- 4K HiVision ColorVu Camera (Warm Light: LED on)
- Conventional 4K Camera (R: LED on)

### Supplemental Light Off

- Conventional 4K Camera (R: LED off)
- 4K HiVision ColorVu Camera (Warm Light: LED off)

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![Large Apertures](image3)

- F2.0: Conventional Camera
- FL0: Hikvision ColorVu Camera

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![Non-Dazzling Lighting](image4)

- Multi-v, environmentally-friendly, soft and warm supplemental lighting works to guarantee colorful images, even in complete darkness. The brightness is adjustable on a scale of 0-100.

- Traffic Camera Light
- Warm Light Hikvision ColorVu Camera

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![Advanced Sensors](image5)

- The 4 MP 1/4" advanced sensor is further enhanced with Backlight Illumination (BIL) and Wide Dynamic Range (WDR) technologies to ensure bright and colorful imaging in virtually all lighting conditions.

- Conventional
- Hikvision ColorVu