HIKVISION®

EasyIP 4.0

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

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.
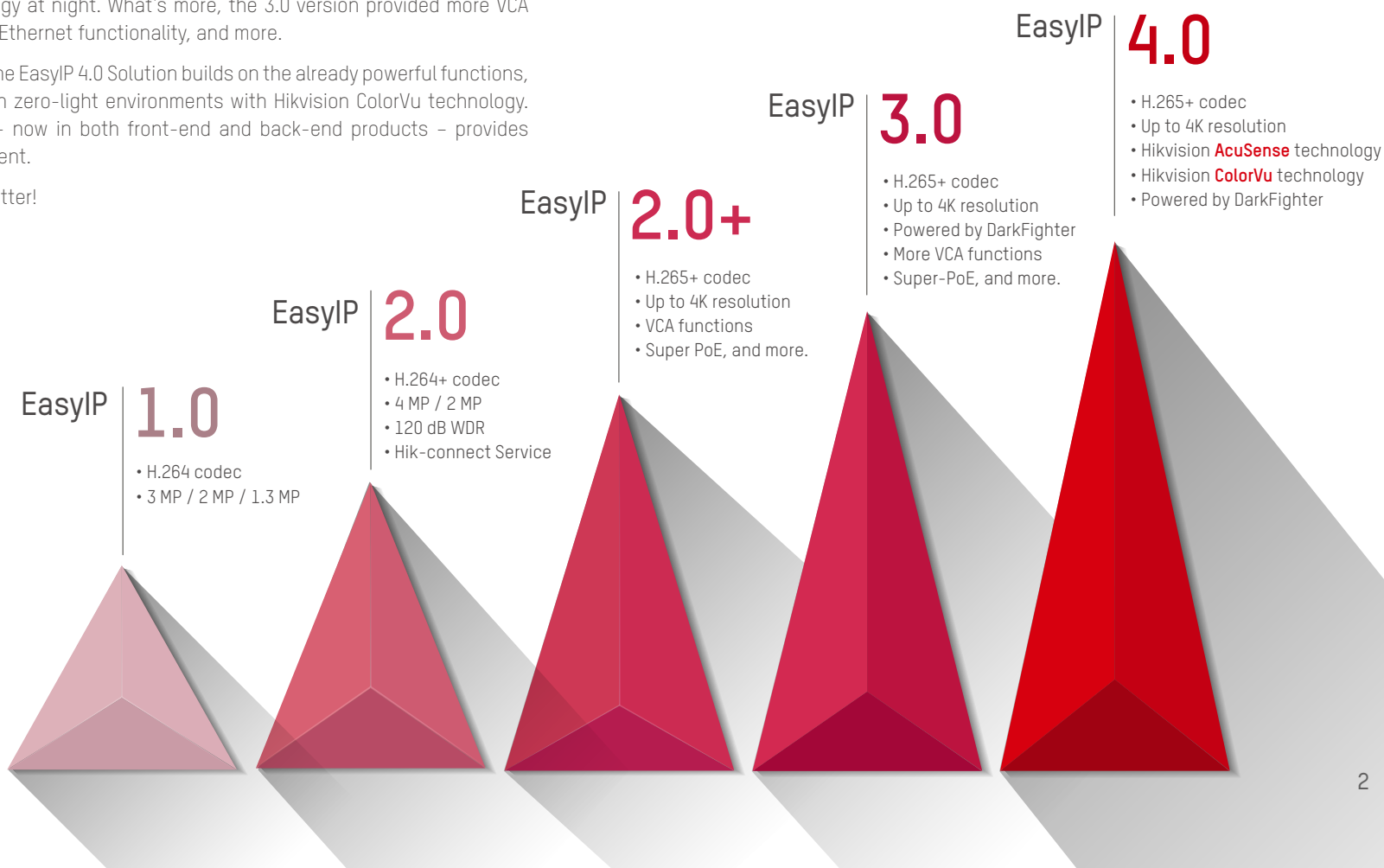
EasyIP HISTORY

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 1.3, 2, and 3 MP cameras.

Hikvision responded to the increased demand for this renowned solution, applying more advanced technologies in 2014. The result was EasyIP 2.0, utilizing the H.264+ codec, and this time offering 2 and 4 MP cameras. More than that, the 2.0 version carried 120 dB Wide Dynamic Range cameras and Hik-connect Service, opening up new possibilities and extending system management.

In 2017, the EasyIP 3.0 Solution featured the H.265+ codec, maximizing resources and taking video surveillance resolution up to 4K! Sharp, vivid imaging during the day was complemented by powerful DarkFighter technology at night. What's more, the 3.0 version provided more VCA functions, extended power-over-Ethernet functionality, and more.

But Hikvision did not stop there. The EasyIP 4.0 Solution builds on the already powerful functions, now achieving colorful imaging in zero-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!

EasyIP | 1.0
• H.264 codec
• 3 MP / 2 MP / 1.3 MP

EasyIP | 2.0
• H.264+ codec
• 4 MP / 2 MP
• 120 dB WDR
• Hik-connect Service

EasyIP | 2.0+
• H.265+ codec
• Up to 4K resolution
• VCA functions
• Super PoE, and more.

EasyIP | 3.0
• H.265+ codec
• Up to 4K resolution
• Powered by DarkFighter
• More VCA functions
• Super-PoE, and more.

EasyIP | 4.0
• H.265+ codec
• Up to 4K resolution
• Hikvision AcuSense technology
• Hikvision ColorVu technology
• Powered by DarkFighter

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
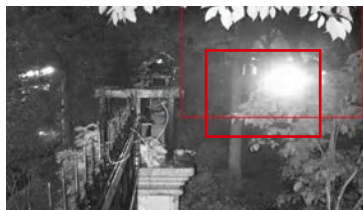- Up to 4K resolution
- Powered by DarkFighter

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.
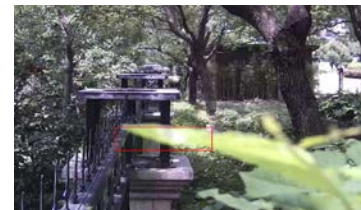

| Animals | Lights | Rain | Spiderwebs | Limbs or leaves |

False alarms caused by different objects

Unnecessary Information
Users receive too much irrelevant information

Low Alarm Effectiveness
False alarms cause low alarm effectiveness

High Labor Costs
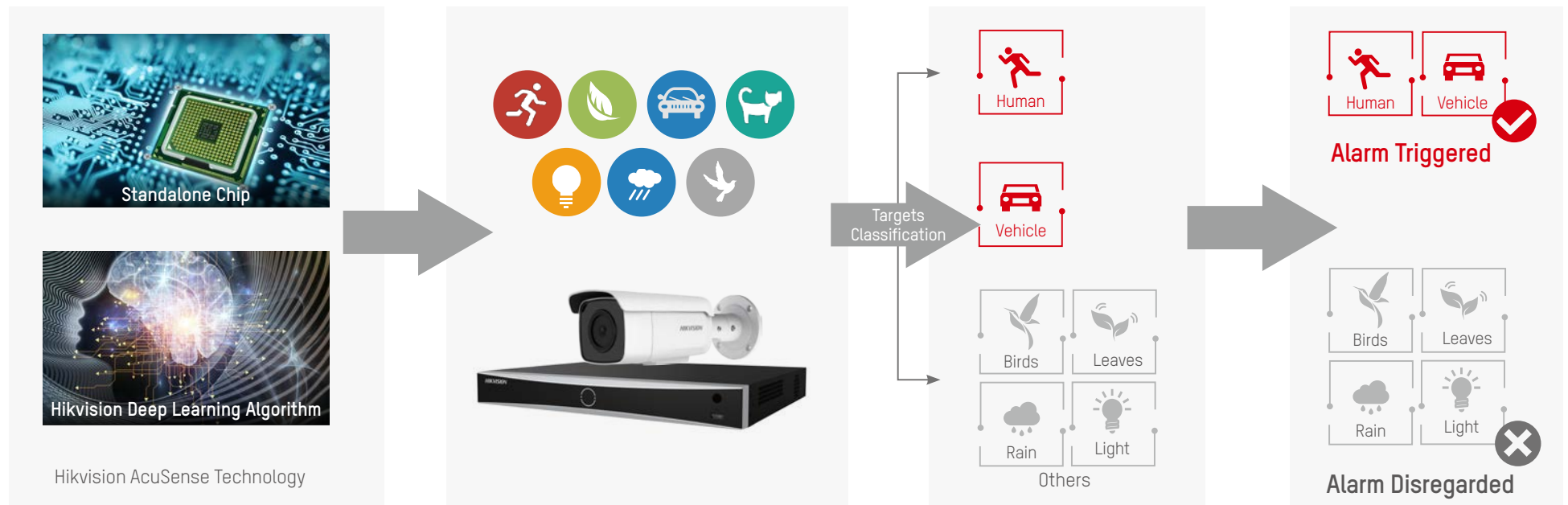Extra costs accrue when users have to double-check each alarm

Low User Satisfaction
Room to improve user experience with fewer false alarms remains

Problems associated with too many false alarms

False Alarm Filter

Empowered by deep learning algorithms, Hikvision AcuSense technology brings target classification to both front-end and back-end devices. With precise target classification, the system can filter out up to 90% of the false alarm events, vastly improving alarm efficiency and effectiveness, as well as reducing labor costs.
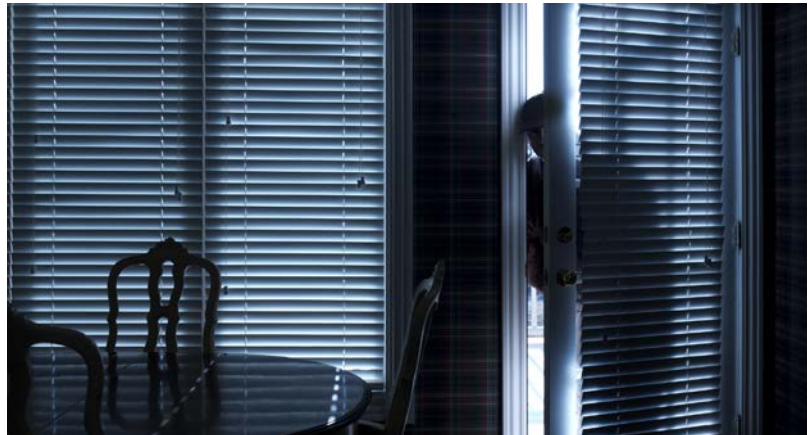

Standalone Chip

Hikvision Deep Learning Algorithm

Hikvision AcuSense Technology

Targets Classification

Human

Vehicle

Birds | Leaves
Rain | Light
Others

Human | Vehicle
Alarm Triggered

Birds | Leaves
Rain | Light
Alarm Disregarded

False alarm filtering based on target classification

3 Strobe Light and Audio Alarm

Ward off potential intruders by combining alarms with flashing light

IP 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.

▲ Quick Target Search

Before
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 unproductive.

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

Hikvision AcuSense Series NVRs can quickly retrieve all video clips with persons or vehicles from stored videos. Quick target search options can be found on local GUI for quick access to either human-related files or vehicle-related files.

5 Application Scenarios

Warehouses

Critical Infrastructure

Borders

Residential Areas

Parking Areas

Campuses

HIKVISION ColorVu TECHNOLOGY

Overcoming Obscurity to Capture Colors

Darkness provides cover for theft, trespassing, and other crimes. When incidents occur at night, conventional cameras without supplemental lighting miss or lose critical details.

Infrared LEDs do bring more details as lighting conditions at night challenge a video camera's capabilities. The trade-off for sharp imaging is, of course, turning images 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

Traditional Camera

◫ Overcoming Obscurity to Capture Colors

Conventional 4 MP Camera
(IR LED off)

4 MP Powered-by-DarkFighter Camera
(IR LED off)

4 MP Hikvision ColorVu Camera
(Warm-light LED off)

Supplemental Light Off

Conventional 4 MP Camera
(IR LED on)

4 MP Powered-by-DarkFighter Camera
(IR LED on)

4 MP Hikvision ColorVu Camera
(Warm-light LED on)

Supplemental Light On

◪ Bright and Colorful Imaging

Large Apertures
F1.0 Super-aperture collects more light to produce brighter images

Advanced Sensors
Improves the utilization of available light (4 MP 1/1.8" sensor)

F2.0

F1.6

F1.0

Conventional Cameras

Powered-by-DarkFighter Cameras

Hikvision ColorVu Cameras

4X amount of light of conventional cameras, 2.56X amount of light of cameras powered by DarkFighter

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

Warm-light Hikvision ColorVu Camera

Traffic Camera Light

PRODUCT SHOWCASE

Hikvision AcuSense Cameras

DS-2CD2146G1-I(S)
Network Dome Camera

- Powered by DarkFighter
- Powered by DeepLearning
- Up to 4MP resolution
- 2.8/4/6mm fixed lens, optional
- H.265+/H.265
- IP67, IK10
- 120dB WDR

DS-2CD2126G1-I(S)
Network Dome Camera

- Powered by DarkFighter
- Powered by DeepLearning
- Up to 2MP resolution
- 2.8/4/6mm fixed lens, optional
- H.265+/H.265
- IP67, IK10
- 120dB WDR

DS-2CD2386G2-I
Network Turret Camera

- Powered by DarkFighter
- Powered by DeepLearning
- Up to 8MP high resolution
- 2.8/4/6mm fixed lens, optional
- H.265+/H.265
- IP67
- 120dB WDR

DS-2CD2346G2-I
Network Turret Camera

- Powered by DarkFighter
- Powered by DeepLearning
- Up to 4MP resolution
- 2.8/4/6mm fixed lens, optional
- H.265+/H.265
- IP67
- 120dB WDR

DS-2CD2326G2-I
Network Turret Camera

- Powered by DarkFighter
- Powered by DeepLearning
- Up to 2MP resolution
- 2.8/4/6mm fixed lens, optional
- H.265+/H.265
- IP67
- 120dB WDR

DS-2CD2T86G1-I
Network Bullet Camera

- Powered by DarkFighter
- Powered by DeepLearning
- Up to 8MP high resolution
- 2.8/4/6/8mm fixed lens, optional
- H.265+/H.265
- IP67
- 120dB WDR

DS-2CD2T46G1-I
Network Bullet Camera

- Powered by DarkFighter
- Powered by DeepLearning
- Up to 4MP resolution
- 2.8/4/6/8mm fixed lens, optional
- H.265+/H.265
- IP67
- 120dB WDR

DS-2CD2T26G1-I
Network Bullet Camera

- Powered by DarkFighter
- Powered by DeepLearning
- Up to 2MP resolution
- 2.8/4/6/8mm fixed lens, optional
- H.265+/H.265
- IP67
- 120dB WDR

DS-2CD2686G1-IZ(S)
Network Bullet
Camera

- Powered by DarkFighter
- Powered by DeepLearning
- Up to 8MP high resolution
- 2.8~12mm VF lens
- H.265+/H.265
- IP67, IK10
- 120dB WDR

DS-2CD2646G1-IZ(S)
Network Bullet
Camera

- Powered by DarkFighter
- Powered by DeepLearning
- Up to 4MP resolution
- 2.8~12mm VF lens
- H.265+/H.265
- IP67, IK10
- 120dB WDR

DS-2CD2626G1-IZ(S)
Network Bullet
Camera

- Powered by DarkFighter
- Powered by DeepLearning
- Up to 2MP resolution
- 2.8~12mm VF lens
- H.265+/H.265
- IP67, IK10
- 120dB WDR

DS-2CD2786G1-IZ(S)
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DS-2CD2746G1-IZ(S)
Network Dome
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- 2.8~12mm VF lens
- H.265+/H.265
- IP67, IK10
- 120dB WDR

DS-2CD2726G1-IZ(S)
Network Dome
Camera

- Powered by DarkFighter
- Powered by DeepLearning
- Up to 2MP resolution
- 2.8~12mm VF lens
- H.265+/H.265
- IP67, IK10
- 120dB WDR

PRODUCT SHOWCASE

Hikvision AcuSense Cameras with Strobe Light and Audio Alarm

DS-2CD2346G2-I/SL
Network Turret
Camera

- Powered by DarkFighter
- Powered by DeepLearning
- Strobe light and audio alarm
- Up to 4MP resolution
- 2.8/4/6mm fixed lens, optional
- H.265+/H.265
- 120dB WDR

DS-2CD2326G2-I/SL
Network Turret
Camera

- Powered by DarkFighter
- Powered by DeepLearning
- Strobe light and audio alarm
- Up to 2MP resolution
- 2.8/4/6mm fixed lens, optional
- H.265+/H.265
- 120dB WDR

DS-2CD2T46G2-I/SL
Network Bullet
Camera

- Powered by DarkFighter
- Powered by DeepLearning
- Strobe light and audio alarm
- Up to 4MP resolution
- 2.8/4/6mm fixed lens, optional
- H.265+/H.265
- IP66
- 120dB WDR

DS-2CD2T26G2-I/SL
Network Bullet
Camera

- Powered by DarkFighter
- Powered by DeepLearning
- Strobe light and audio alarm
- Up to 2MP resolution
- 2.8/4/6mm fixed lens, optional
- H.265+/H.265
- IP66
- 120dB WDR

Hikvision ColorVu Cameras

DS-2CD2347G3E-L
Network Turret
Camera

- ColorVu
- Up to 4MP resolution
- 4/6mm fixed lens, optional
- H.265+/H.265
- IP67
- 120dB WDR

DS-2CD2327G3E-L
Network Turret
Camera

- ColorVu
- Up to 2MP resolution
- 4/6mm fixed lens, optional
- H.265+/H.265
- IP67
- 120dB WDR

DS-2CD2T47G3E-L
Network Bullet
Camera

- ColorVu
- Up to 2MP resolution
- 4/6mm fixed lens, optional
- H.265+/H.265
- IP67
- 120dB WDR

DS-2CD2T27G3E-L
Network Bullet
Camera

- ColorVu
- Up to 2MP resolution
- 4/6mm fixed lens, optional
- H.265+/H.265
- IP67
- 120dB WDR

DS-7608NXI-I2(/8P)/4S
2HDD NVR

DS-7616NXI-I2(/16P)/4S
2HDD NVR

DS-7716NXI-I4(/16P)/4S
4HDD NVR

DS-7732NXI-I4(/16P)/4S
4HDD NVR

• Up to 8-ch IP cameras for access.
• False alarm filtering for 4-ch behavior (line crossing and intrusion) detection for 2 MP, 3 MP, 4 MP and 8MP network camera
• Support quick target search
• H.265/H.265+/H.264/H.264+/MPEG4 supported decoding formats.
• 80 Mbps/256 Mbps for incoming/outgoing bandwidth
• 12-ch 1080p decoding
• 1 HDMI, 1 VGA and 1 CVBS output
• Optional 8 PoE ports, with /8P model
• 1U chassis

• Up to 16-ch IP cameras for access.
• False alarm filtering for 4-ch behavior (line crossing and intrusion) detection for 2 MP, 3 MP, 4 MP and 8MP network camera
• Support quick target search
• H.265/H.265+/H.264/H.264+/MPEG4 supported decoding formats.
• 160 Mbps/256 Mbps for incoming/outgoing bandwidth
• 12-ch 1080p decoding
• 1 HDMI, 1 VGA and 1 CVBS output
• Optional 16 PoE ports, with /16P model
• 1U chassis

• Up to 16-ch IP cameras for access.
• False alarm filtering for 4-ch behavior (line crossing and intrusion) detection for 2 MP, 3 MP, 4 MP and 8MP network camera
• Support quick target search
• H.265/H.265+/H.264/H.264+/MPEG4 supported decoding formats.
• 256 Mbps/200 Mbps for incoming/outgoing bandwidth
• 12-ch 1080p decoding
• 2 HDMI, 1 VGA and 1 CVBS output
• eSATA by default.
• Optional 16 PoE ports, with /16P model
• 1.5U chassis

• Up to 32-ch IP cameras for access.
• False alarm filtering for 4-ch behavior (line crossing and intrusion) detection for 2 MP, 3 MP, 4 MP and 8MP network camera
• Support quick target search
• H.265/H.265+/H.264/H.264+/MPEG4 supported decoding formats.
• 256 Mbps/200 Mbps for incoming/outgoing bandwidth
• 12-ch 1080p decoding
• 2 HDMI, 1 VGA and 1 CVBS output
• Optional 16 PoE ports, with /16P model
• 1.5U chassis

SYSTEM RECOMMENDATIONS

AcuSense Camera **+** AcuSense NVR	Conventional Camera **+** AcuSense NVR	AcuSense Camera **+** Conventional NVR	ColorVu Camera **+** AcuSense NVR
All-channel false alarm filter and quick target search	False alarm filter and quick target search	False alarm filter	24/7 colorful imaging, false alarm filter, and quick target search

ACCESSORIES

DS-2CD26XXG1 DS-2CD2TXXG1	DS-1260ZJ Junction box(only for model without -IZS)	DS-1280ZJ-S Junction box(water proof)	DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount				

DS-2CD2Tx7G3E	DS-1292ZJ Wall mount (Included in the package)	DS-1299ZJ Pendant Mount	DS-1269ZJ Pendant Mount	DS-1214ZJ-T Horizontal pole mount	DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount	DS-1233ZJ Corner mount	DS-1232ZJ Cardan Joint	DS-1232ZJ-T Cardan Joint

DS-2CD27X6G1	DS-1471ZJ-155 Pendant Mount	DS-1473ZJ-155 Wall Mount	DS-1475ZJ-SUS Vertical pole mount	DS-1476ZJ-SUS Corner mount	DS-1279ZJ Extendable pole for Pendant mount

DS-2CD23XXG2 DS-2CD23XXG3	DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount	DS-1273ZJ-130-TRL Wall mount	DS-1280ZJ-M Junction box	DS-1281ZJ-M Inclined ceiling mount	DS-1271ZJ-130-TRL Pendant mount	DS-1279ZJ Extendable pole for Pendant mount

DS-2CD21XXG1	DS-1271ZJ-110 Pendant mount	DS-1272ZJ-110 Wall mount	DS-1272ZJ-110B Wall mount	DS-1276ZJ-(SUS) Corner mount	DS-1280ZJ-DM18 Junction box	DS-1471ZJ-155 Pendant Mount	DS-1473ZJ-155 Wall Mount	DS-1475ZJ-SUS Vertical pole mount	DS-1476ZJ-SUS Corner mount	DS-1279ZJ Extendable pole for Pendant mount

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