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

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HIKVISION

EasyIP 4.0

JUST THE RIGHT INTELLIGENCE
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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.
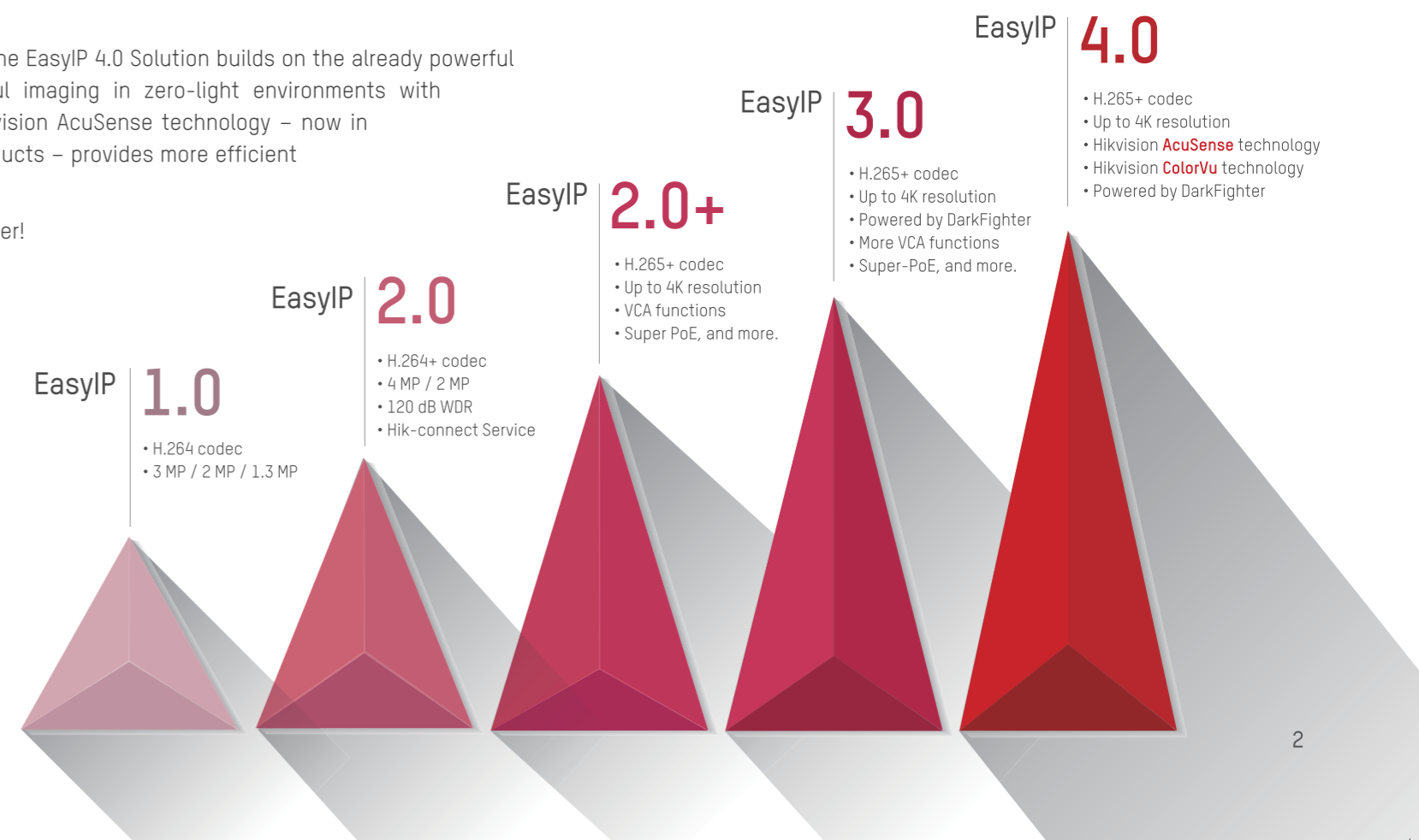

EasyIP HISTORY

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

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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.
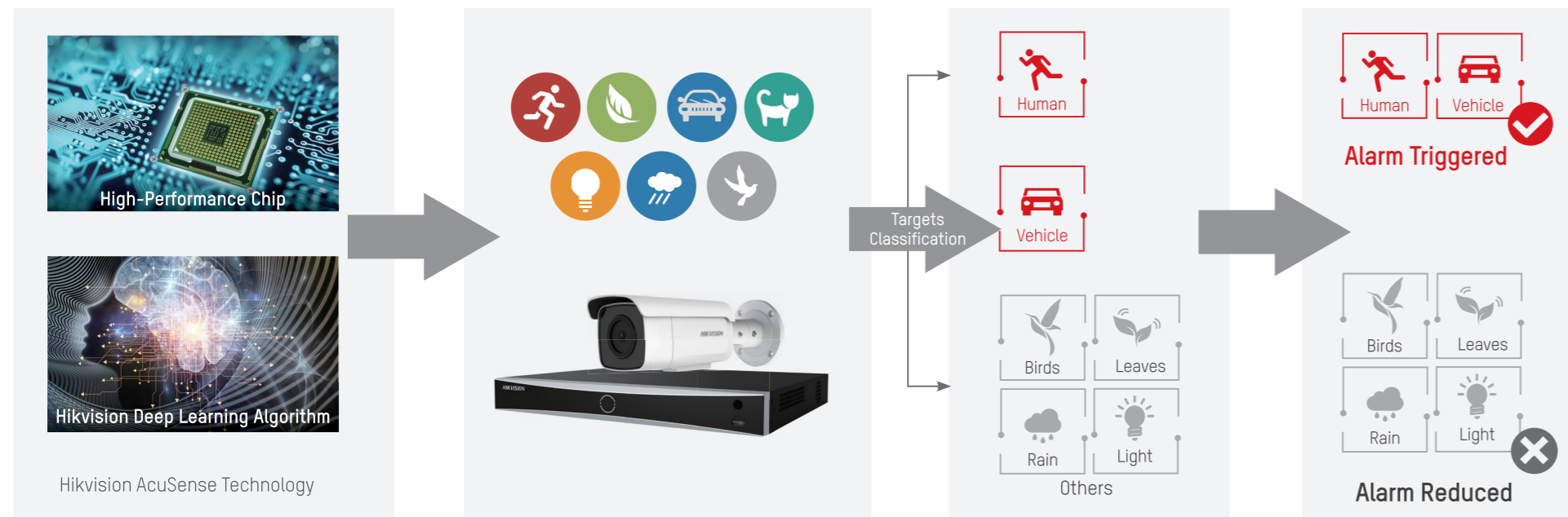

| Animals | Lights | Rain | Spiderwebs | Limbs or leaves |

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 Reduction

Empowered by deep learning algorithms, Hikvision AcuSense technology brings precise target classification to front- 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 labor costs. Notifications to the VMS or app can be disabled for events caused by other target types. These events, however, are sent to the NVR for double-checking.

High-Performance 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 Reduced

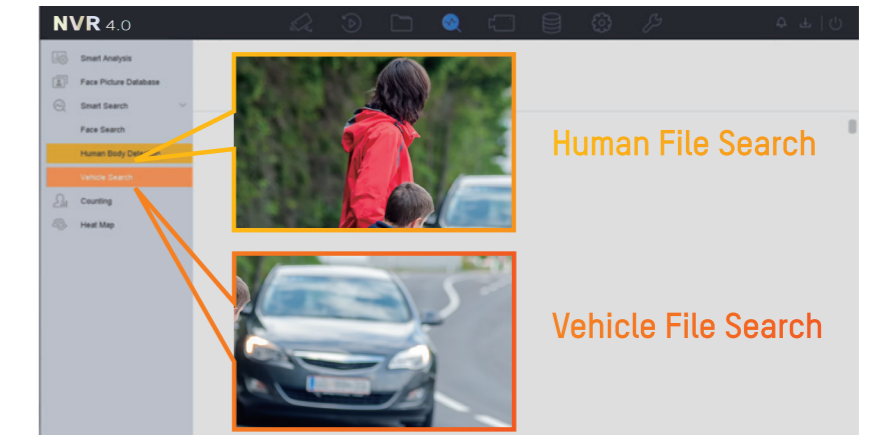False alarm reduction based on Hikvision AcuSense technology

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.

Human File Search

Vehicle File Search

Now

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

Select Hikvision NVRs can quickly retrieve all video clips with humans or vehicles from stored videos. Refer to the NVR specifications for details.

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.
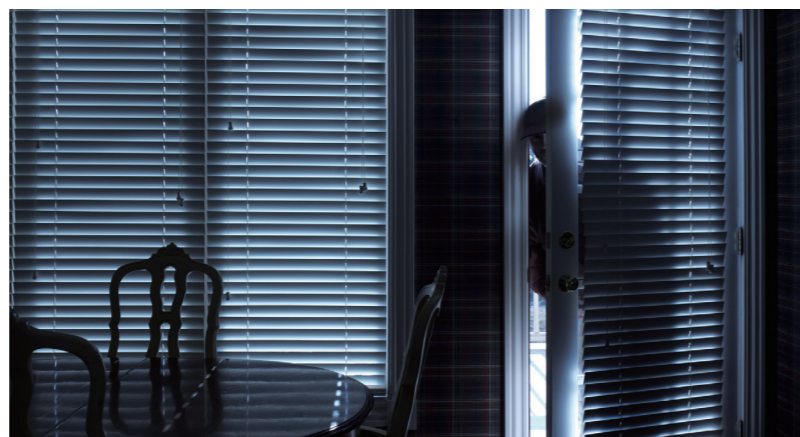
Capture facial information of intruders

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.

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, dim low-quality images of conventional cameras miss or lose critical details. Infrared LEDs provide extra light for clearer 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.
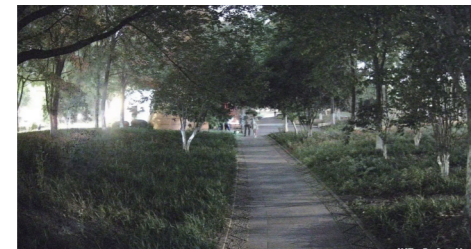
Hikvision ColorVu Camera   Traditional Camera

Supplemental Light Off   **Supplemental Light On**
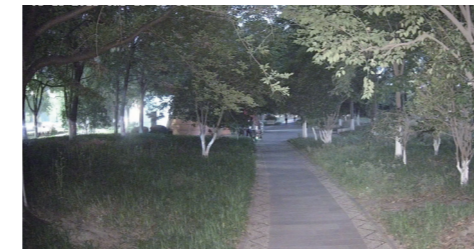
Conventional 4 MP Camera   4 MP Hikvision ColorVu Camera   Conventional 4 MP Camera   4 MP Hikvision ColorVu Camera
(IR LED off)   (Warm-light LED off)   (IR LED on)   (Warm-light LED on)

Bright and Colorful Imaging

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

F2.0   F1.0

Conventional   Hikvision
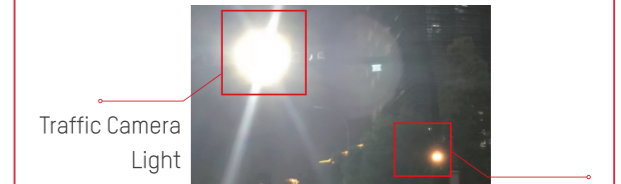Cameras   ColorVu Cameras

4X amount of light of conventional cameras

Advanced Sensors
The 4 MP 1/1.8" advanced sensor is further enhanced with the Backside Illumination (BSI), Dual Conversion Gain (DCG) and Wide Dynamic Range (WDR) technologies to ensure bright and colorful imaging in virtually all lighting conditions.

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.

Traffic Camera
Light

Warm-light
Hikvision ColorVu Camera

Hikvision AcuSense Cameras

False alarm reduction by human and vehicle target classification based on deep learning

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

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

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

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

DS-2CD2346G1-I
Network Turret Camera

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

DS-2CD2326G1-I
Network Turret Camera

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

DS-2CD2746G1-IZ(S)
Network Dome Camera

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

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

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

DS-2CD2T46G1-2I/4I
Network Bullet Camera

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

DS-2CD2T26G1-2I/4I
Network Bullet Camera

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

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

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

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

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

Hikvision AcuSense Cameras with Strobe Light and Audio Alarm

False alarm reduction by human and vehicle target classification based on deep learning

DS-2CD2346G1-I/SL
Network Turret Camera

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

DS-2CD2326G1-I/SL
Network Turret Camera

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

DS-2CD2T46G1-4I/SL
Network Bullet Camera

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

DS-2CD2T26G1-4I/SL
Network Bullet Camera

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

PRODUCT SHOWCASE

Hikvision ColorVu Cameras

DS-2CD2347G1-L(U)
Network Turret Camera

- 4 MP resolution
- 4/6 mm fixed lens, optional
- 24/7 colorful imaging
- H.265+/H.265
- IP67
- 120 dB WDR

DS-2CD2327G1-L(U)
Network Turret Camera

- 2 MP resolution
- 4/6 mm fixed lens, optional
- 24/7 colorful imaging
- H.265+/H.265
- IP67
- 120 dB WDR

DS-2CD2T47G1-L
Network Bullet Camera

- 4 MP resolution
- 4/6 mm fixed lens, optional
- 24/7 colorful imaging
- H.265+/H.265
- IP67
- 120 dB WDR

DS-2CD2T27G1-L
Network Bullet Camera

- 2 MP resolution
- 4/6 mm fixed lens, optional
- 24/7 colorful imaging
- H.265+/H.265
- IP67
- 120 dB WDR

Hikvision AcuSense NVRs

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

- Up to 8-ch IP cameras for access.
- False alarm reduction 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

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

- Up to 16-ch IP cameras for access.
- False alarm reduction 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

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

- Up to 16-ch IP cameras for access.
- False alarm reduction 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

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

- Up to 32-ch IP cameras for access.
- False alarm reduction 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

ACCESSORIES

DS-2CD26X6G1 DS-2CD2TXXG1	DS-1276ZJ-SUS Corner Mount	DS-1260ZJ Junction Box	DS-1280ZJ-S Junction Box	DS-1275ZJ-S-SUS Vertical Pole Mount
DS-2CD27X6	DS-1471ZJ-15S Pendant Mount	DS-1473ZJ-155 Wall Mount	DS-1475ZJ-SUS Vertical pole mount	DS-1476ZJ-SUS Corner mount	DS-1280ZJ-DM55 Junction Box
DS-2CD23X6G1 DS-2CD23X7G1	DS-1273ZJ-140 Wall Mount	DS-1271ZJ-140 Pendant Mount	DS-1280ZJ-DM21 Junction Box
DS-2CD21X6G1	DS-1272ZJ-120 Wall Mount	DS-1276ZJ-SUS Corner Mount	DS-1271ZJ-120 Pendant Mount