iDS-7204HQHI-M1/S
4 Channel DVR with AcuSense

• Motion Detection 2.0 on all 4 channels
• Up to 2-ch perimeter protection
• 3K / 5 MP lite @ 12 fps, 1080p @ 15 fps
• Maximum 6 IP camera inputs (up to 6 MP)

iDS-7216HQHI-M1(2)/S
16 Channel DVR with AcuSense

• Motion Detection 2.0 on all 16 channels
• Up to 4-ch perimeter protection
• 3K / 5 MP lite @ 12 fps, 1080p @ 15 fps
• Maximum 24 IP camera inputs (up to 8 MP)

iDS-7204HQHI-M1/FA
4 Channel DVR with AcuSense

• Motion Detection 2.0 on all 4 channels
• Up to 2-ch perimeter protection
• Up to 1-ch facial recognition
• Image library up to 80 MB capacity, up to 16 image libraries
• 3K / 5 MP lite @ 12 fps, 1080p @ 15 fps
• Maximum 6 IP camera inputs (up to 6 MP)

iDS-7216HQHI-M1(2)/FA
16 Channel DVR with AcuSense

• Motion Detection 2.0 on all 16 channels
• Up to 4-ch perimeter protection
• Up to 1-ch facial recognition
• Image library up to 80 MB capacity, up to 16 image libraries
• 3K / 5 MP lite @ 12 fps, 1080p @ 15 fps
• Maximum 24 IP camera inputs (up to 6 MP)

iDS-7208HUHI-M1(2)/S
iDS-7208HUHI-M2/P
8 Channel DVR with AcuSense

• Motion Detection 2.0 on all 8 channels
• Up to 4-ch perimeter protection
• 8 MP @ 8 fps, 3K / 5 MP @ 12 fps
• Maximum 16 IP camera inputs (up to 8 MP)
• PoC (/P)

iDS-7204HUHI-M1(2)/FA
4 Channel DVR with AcuSense

• Motion Detection 2.0 on all 4 channels
• Up to 4-ch perimeter protection
• Up to 1-ch facial recognition
• Image library up to 80 MB capacity, up to 16 image libraries
• 8 MP @ 8 fps, 3K / 5 MP @ 12 fps
• Maximum 8 IP camera inputs (up to 8 MP)

iDS-7216HUHI-M2/FA
16 Channel DVR with AcuSense

• Motion Detection 2.0 on all 16 channels
• Up to 4-ch perimeter protection
• Up to 1-ch facial recognition
• Image library up to 80 MB capacity, up to 16 image libraries
• 8 MP @ 8 fps, 3K / 5 MP @ 12 fps
• Maximum 32 IP camera inputs (up to 8 MP)

iDS-7208HQHI-M1(2)/S
8 Channel DVR with AcuSense

• Motion Detection 2.0 on all 8 channels
• Up to 4-ch perimeter protection
• 3K / 5 MP lite @ 12 fps, 1080p @ 15 fps
• Maximum 12 IP camera inputs (up to 6 MP)

iDS-7232HQHI-M2/S
32 Channel DVR with AcuSense

• Motion Detection 2.0 on all 32 channels
• Up to 4-ch perimeter protection
• 3K / 5 MP lite @ 12 fps, 1080p @ 15 fps
• Maximum 40 IP camera inputs (up to 6 MP)

iDS-7208HQHI-M1(2)/FA
8 Channel DVR with AcuSense

• Motion Detection 2.0 on all 8 channels
• Up to 4-ch perimeter protection
• Up to 1-ch facial recognition
• Image library up to 80 MB capacity, up to 16 image libraries
• 3K / 5 MP lite @ 12 fps, 1080p @ 15 fps
• Maximum 12 IP camera inputs (up to 6 MP)

iDS-7204HUHI-M1(2)/S
iDS-7204HUHI-M1/P
4 Channel DVR with AcuSense

• Motion Detection 2.0 on all 4 channels
• Up to 4-ch perimeter protection
• 8 MP @ 8 fps (channel 1), 3K / 5 MP @ 12 fps
• Maximum 8 IP camera inputs (up to 8 MP)
• PoC (/P)

iDS-7216HUHI-M2/S
iDS-7216HUHI-M2/P
16 Channel DVR with AcuSense

• Motion Detection 2.0 on all 16 channels
• Up to 4-ch perimeter protection
• 8 MP @ 8 fps, 3K / 5 MP @ 12 fps
• Maximum 32 IP camera inputs (up to 8 MP)
• PoC (/P)

iDS-7208HUHI-M1(2)/FA
8 Channel DVR with AcuSense

• Motion Detection 2.0 on all 8 channels
• Up to 4-ch perimeter protection
• Up to 1-ch facial recognition
• Image library up to 80 MB capacity, up to 16 image libraries
• 8 MP @ 8 fps, 3K / 5 MP @ 12 fps
• Maximum 16 IP camera inputs (up to 8 MP)

Smart Hybrid Light Cameras with ColorVu

Next-level night vision with Smart Hybrid Light

Smart Hybrid Light

ColorVu Technology

IR ⟷ White light

HIKVISION®
www.hikvision.com

Low-light Imaging
Challenges

"Seeing" what happens in the darkness is critical for security teams. But capturing crystal clear images in low-light conditions has always been a long-term challenge in the security monitoring industry.

Traditionally, there have been two common solutions. The first, infrared (or "IR") cameras capture black and white video, losing color details. And the second, white supplemental lighting, in conventional cameras, keeps a bright light on all through the night. This is wasteful, easy to notice, and in some countries and areas is even subject to restrictions.

But now, Hikvision has a new solution. Smart Hybrid Light Cameras with ColorVu. These new cameras feature amazing low-light performance and just might be a critical addition to your security system.

Meet
Smart Hybrid Light
Cameras with ColorVu

Hikvision's Smart Hybrid Light Cameras with ColorVu are designed to upgrade security night vision in virtually any setting with always-sharply-focused images and versatile lighting options. Powerful technologies including ColorVu, Super Confocal, Smart Hybrid Lighting, and other functionalities elevate our cameras with amazing reliability and advanced capabilities.

Smart Hybrid Light
ColorVu
Technology

Super Confocal

IR / White Light

AcuSense
Technology

ColorVu technology
ensures excellent color imaging in ultra-low ambient light, even without supplemental lighting.

Smart hybrid lighting
helps render color, black & white, or motion-triggered color imaging to suit virtually any need in any setting.

AcuSense technology
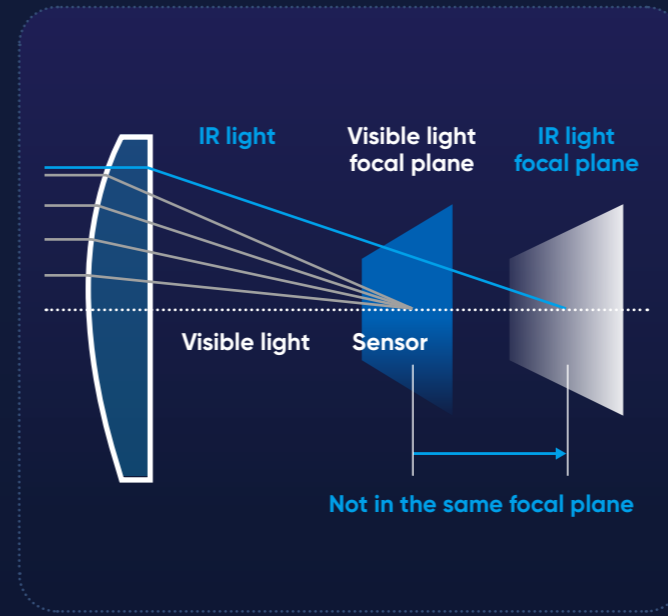enables classified object detection triggered by a person or vehicle.

Super confocal lens
is designed with precision at the micron level, allowing for master-grade focus and long-lasting, high-definition images with F1.0 large aperture.
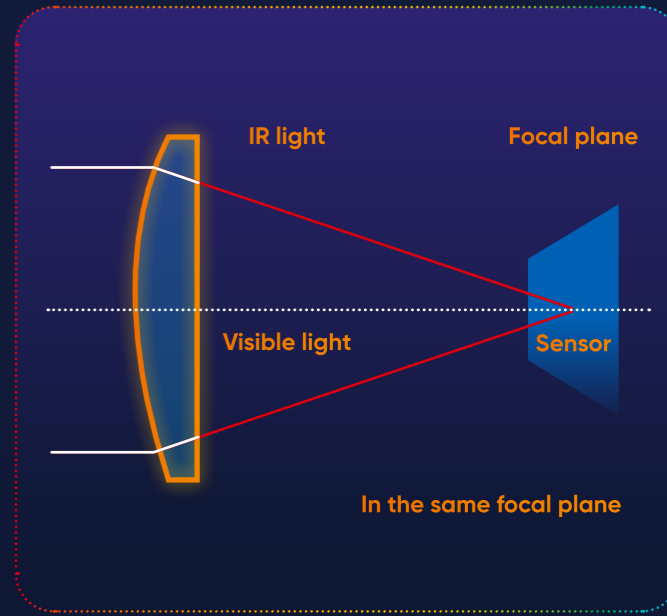
Technical
Advantages

Hikvision's Super Confocal Technology allows differing light wavelengths to travel along the same path through a set of specially-designed lenses, overcoming focusing challenges. This ensures clear, sharply-focused imaging with the same set of lenses, either with visible light or infrared light.

Traditional lens
with F1.0 aperture

IR light | Visible light focal plane | IR light focal plane
Visible light | Sensor
Not in the same focal plane

Hikvision's Super Confocal Lens
with F1.0 aperture

IR light | Focal plane
Visible light | Sensor
In the same focal plane

Blurring black & white imaging

Stable and clear black & white imaging

Core
Benefits

With smart functionalities and powerful technologies, Smart Hybrid Light Cameras with ColorVu create a powerful solution for critical security video monitoring, every hour of the day and night.
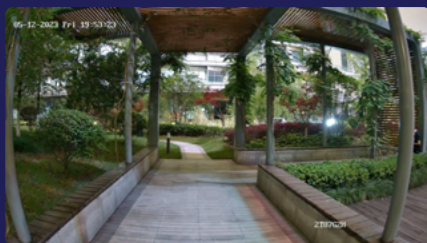
Splendid imaging performance

Enjoy splendid night vision boosted by Super Confocal Lens and ColorVu technology. Compared against conventional cameras, these cameras render clearer color imaging for longer periods of time throughout day and night. Additional lighting gets triggered only during the darkest hours.

ColorVu ensures excellent colorful imaging in ultra-low light.

Super Confocal Lens guarantees master-level focus and long-lasting, high-definition image.

Supplemental light off	IR on	White light on
Smart hybrid light camera with ColorVu	Smart hybrid light camera with ColorVu	Smart hybrid light camera with ColorVu
Conventional camera	Conventional camera	

Monitoring in a smarter way

Security Intelligence gets a boost when these cameras are powered by AcuSense classified object detection.

Motion Detection 2.0
Motion Detection 2.0 distinguishes persons and vehicles from other objects in the environment, focusing on real security threats with efficient video searches.

Live Guard
Live Guard deters trespassing with visual and auditory warnings while sending notifications to remote users.
* Please note only select models support this function.

Optimize your security with flexible lighting options

There are three supplemental lighting modes available: infrared, white light, and smart.

IR Mode
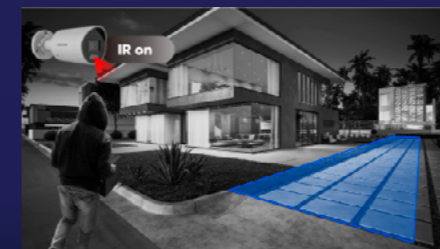The camera uses its IR lighting in darkness, offering black and white imaging.

White Light Mode
The camera uses a visible light to ensure continual color imaging overnight.

Smart Mode
The camera maintains infrared illumination and only employs the visible light when triggered by the detection of a person or vehicle. By smartly switching the lighting modes, users can get all the details at those key moments.

When there is **no target in the area**, the **infrared light turns on**	When a **car or person appears**, the **white light turns on**	When the **car or person leaves**, the camera **switches back to the infrared light**.
IR on	White light on	IR on

With just a few steps, it's easy to configure and choose from three lighting modes in multiple ways.

NVR

Mobile app
(Hik-Connect and Hik-Partner Pro)

Web

Suggested Applications

Warehouses / Retail Shops
· Classified object detection using Motion Detection 2.0
· In smart mode, visible supplemental lighting gets triggered by persons or vehicles

Residences
· Light the way for family and guests when they come near the house
· Deter trespassing in real time with key details captured more effectively

City Streets
· Brilliant and vivid imaging in dim environments without supplemental lighting.
· No unwanted or unnecessary light pollution.

DS-2CD20x7G2H-LI(U)
Bullet Network Camera

- 4/6/8 MP
- 0.0005 lux @ F1.0
- 1/1.8" CMOS sensor
- 2.8/4 mm lens
- Smart Hybrid Light
- H.265/H.265+
- 130 dB WDR
- Up to 40 m suppl. light range
- IP67

DS-2CD21x7G2H-LI(SU)
Dome Network Camera

- 4/6/8 MP
- 0.0005 lux @ F1.0
- 1/1.8" CMOS sensor
- 2.8/4 mm lens
- Smart Hybrid Light
- H.265/H.265+
- 130 dB WDR
- Up to 40 m suppl. light range
- IP67

DS-2CD23x7G2H-LI(U)
Turret Network Camera

- 4/6/8 MP
- 0.0005 lux @ F1.0
- 1/1.8" CMOS sensor
- 2.8/4 mm lens
- Smart Hybrid Light
- H.265/H.265+
- 130 dB WDR
- Up to 40 m suppl. light range
- IP67

DS-2CD2Tx7G2H-LI
Bullet Network Camera

- 4/6/8 MP
- 0.0005 lux @ F1.0
- 1/1.8" CMOS sensor
- 2.8/4 mm lens
- Smart Hybrid Light
- H.265/H.265+
- 130 dB WDR
- Up to 60 m suppl. light range
- IP67

DS-2CD26x7G2HT-LIZS
Bullet Network Camera

- 4/6/8 MP
- 0.0008 lux @ F1.2
- 1/1.8" CMOS sensor
- 2.8-12 mm motorized lens
- Smart Hybrid Light
- H.265/H.265+
- 130 dB WDR
- Up to 60 m suppl. light range
- IP67

DS-2CD27x7G2HT-LIZS
Dome Network Camera

- 4/6/8 MP
- 0.0008 lux @ F1.2
- 1/1.8" CMOS sensor
- 2.8-12 mm motorized lens
- Smart Hybrid Light
- H.265/H.265+
- 130 dB WDR
- Up to 40 m suppl. light range
- IP67

DS-2CD20x7G2H-LIU/SL
Bullet Network Camera

- 4/6/8 MP
- 0.0005 lux @ F1.0
- 1/1.8" CMOS sensor
- 2.8/4 mm lens
- Smart Hybrid Light
- H.265/H.265+
- 130 dB WDR
- Up to 40 m suppl. light range
- IP67
- Strobe Light & Audio Alarm

DS-2CD23x7G2H-LISU/SL
Turret Network Camera

- 4/6/8 MP
- 0.0005 lux @ F1.0
- 1/1.8" CMOS sensor
- 2.8/4 mm lens
- Smart Hybrid Light
- H.265/H.265+
- 130 dB WDR
- Up to 40 m suppl. light range
- IP67
- Strobe Light & Audio Alarm

DS-2CD2Tx7G2H-LISU/SL
Bullet Network Camera

- 4/6/8 MP
- 0.0005 lux @ F1.0
- 1/1.8" CMOS sensor
- 2.8/4 mm lens
- Smart Hybrid Light
- H.265/H.265+
- 130 dB WDR
- Up to 60 m suppl. light range
- IP67
- Strobe Light & Audio Alarm

DS-2CE10DF0T-LFS
2 MP Mini Bullet Camera

- 0.001 lux @ F1.0
- 2.8/3.6 mm lens
- Smart Hybrid Light
- Up to 20 m white light distance and 20 m IR distance
- 3D DNR, Digital WDR
- Audio over Coaxial cable
- IP67
- Metal

DS-2CE10DF0T-LPFS
2 MP Mini Bullet Camera

- 0.001 lux @ F1.0
- 2.8/3.6 mm lens
- Smart Hybrid Light
- Up to 20 m white light distance and 20 m IR distance
- 3D DNR, Digital WDR
- Audio over Coaxial cable
- IP67
- Plastic

DS-2CE12DF0T-LFS
2 MP Bullet Camera

- 0.001 lux @ F1.0
- 2.8/3.6 mm lens
- Smart Hybrid Light
- Up to 40 m white light distance and 40 m IR distance
- 3D DNR, Digital WDR
- Audio over Coaxial cable
- IP67
- Metal

DS-2CE70DF0T-LMFS
2 MP Turret Camera

- 0.001 lux @ F1.0
- 2.8/3.6 mm lens
- Smart Hybrid Light
- Up to 20 m white light distance and 20 m IR
- 3D DNR, Digital WDR
- Audio over Coaxial cable
- IP67
- Metal

DS-2CE70DF0T-LPFS
2 MP Turret Camera

- 0.001 lux @ F1.0
- 2.8/3.6 mm lens
- Smart Hybrid Light
- Up to 20 m white light distance and 20 m IR distance
- 3D DNR, Digital WDR
- Audio over Coaxial cable
- Plastic

DS-2CE72DF0T-LFS
2 MP Turret Camera

- 0.001 lux @ F1.0
- 2.8/3.6 mm lens
- Smart Hybrid Light
- Up to 40 m white light distance and 40 m IR distance
- 3D DNR, Digital WDR
- Audio over Coaxial cable
- IP67
- Plastic & Metal

DS-2CE10KF3T-L(E)
3K Mini Bullet Camera

- 0.0005 lux @ F1.0
- 2.8/3.6 mm lens
- Smart Hybrid Light
- Up to 20 m white light distance and 20 m IR distance
- 3D DNR, 130 dB WDR
- Power over Coaxial cable (-E)
- IP67
- Metal

DS-2CE12KF3T-L(E)
3K Bullet Camera

- 0.0005 lux @ F1.0
- 2.8/3.6 mm lens
- Smart Hybrid Light
- Up to 40 m white light distance and 40 m IR distance
- 3D DNR, 130 dB WDR
- Power over Coaxial cable (-E)
- IP67
- Metal

DS-2CE72KF3T-L(E)
3K Turret Camera

- 0.0005 lux @ F1.0
- 2.8/3.6 mm lens
- Smart Hybrid Light
- Up to 40 m white light distance and 40 m IR distance
- 3D DNR, 130 dB WDR
- Power over Coaxial cable (-E)
- IP67
- Plastic & Metal

Recommended NVRs

AcuSense Technology
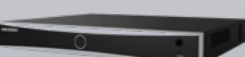
DS-7604NXI-K1(/4P)(B)
4 channel NVR with AcuSense

- Up to 4-ch IP cameras inputs
- AI off: Up to 8-ch decoding capability, AI on: up to 6-ch decoding capability
- All channels of Motion Detection 2.0
- 1-ch perimeter protection
- 1-ch facial recognition for video stream, or 4-ch facial recognition for face picture
- Up to 4K resolution
- Bandwidth: 40 Mbps incoming, 80 Mbps outgoing
- /P: PoE

7608NXI-K1(/8P)(B)
8 channel NVR with AcuSene

- Up to 8-ch IP cameras inputs
- AI off: Up to 8-ch decoding capability, AI on: up to 6-ch decoding capability
- All channels of Motion Detection 2.0
- 1-ch perimeter protection
- 1-ch facial recognition for video stream, or 4-ch facial recognition for face picture
- Up to 4K resolution
- Bandwidth: 80 Mbps incoming, 80 Mbps outgoing
- /P: PoE

DS-7616NXI-K1(B)
16 channel NVR with AcuSense

- Up to 16-ch IP cameras inputs
- AI off: Up to 8-ch decoding capability, AI on: up to 6-ch decoding capability
- All channels of Motion Detection 2.0
- 1-ch perimeter protection
- 1-ch facial recognition for video stream, or 4-ch facial recognition for face picture
- Up to 4K resolution
- Bandwidth: 160 Mbps incoming, 80 Mbps outgoing

DS-7608NXI-K2(8P)
8 channel NVR with AcuSense

- Up to 8-ch IP cameras inputs
- AI off: Up to 12-ch decoding capability, AI on: up to 8-ch decoding capability
- All channels of Motion Detection 2.0
- 2-ch perimeter protection
- 1-ch facial recognition for video stream, or 4-ch facial recognition for face picture
- Up to 4K resolution
- Bandwidth: 80 Mbps incoming, 160 Mbps outgoing
- /P: PoE

DS-7616NXI-K2(/16P)
16 channel NVR with AcuSense

- Up to 16-ch IP cameras inputs
- AI off: Up to 12-ch decoding capability, AI on: up to 8-ch decoding capability
- All channels of Motion Detection 2.0
- 2-ch perimeter protection
- 1-ch facial recognition for video stream, or 4-ch facial recognition for face picture
- Up to 4K resolution
- Bandwidth: 160 Mbps incoming, 160 Mbps outgoing
- /P: PoE

DS-7632NXI-K2
32 channel NVR with AcuSense

- Up to 32-ch IP cameras inputs
- AI off: Up to 12-ch decoding capability, AI on: up to 8-ch decoding capability
- All channels of Motion Detection 2.0
- 2-ch perimeter protection
- 1-ch facial recognition for video stream, or 4-ch facial recognition for face picture
- Up to 4K resolution
- Bandwidth: 256 Mbps incoming, 160 Mbps outgoing

Recommended DVRs

eDVR Series

Up to 2 weeks of video recording

DS-E04HGHI-B	DS-E08HGHI-B	DS-E16HGHI-B	iDS-E04HQHI-B	iDS-E08HQHI-B	iDS-E04HUHI-B
• Built-in 330 GB eSSD (300 GB available) • 4-ch 1080p lite @ 15 fps • 5.4 W (max.)	• Built-in 512 GB eSSD (480 GB available) • 8-ch 1080p lite @ 15 fps • 6.2 W (max.)	• Built-in 1 TB eSSD (960 GB available) • 16-ch 1080p lite @ 15 fps • 9.5 W (max.)	• Built-in 512 GB eSSD (480 GB available) • 4-ch 3K / 5 MP lite @ 12 fps • 5.4 W (max.)	• Built-in 1 TB eSSD (960 GB available) • 8-ch 3K / 5 MP lite @ 12 fps • 8.2 W (max.)	• Built-in 1 TB eSSD (960 GB available) • 4-ch 3K/ 5 MP @ 12 fps • 7.5 W (max)
Motion Detection 2.0			AcuSense-enabled classified object detection		
HDTVI / AHD / CVI / CVBS / IP video input					
H.265 & Scene-Adaptive Bitrate Control					

Up to 4 weeks of video recording			**Up to 8 weeks** of video recording
DS-E04HGHI-D	DS-E08HGHI-D	iDS-E04HQHI-D	DS-E04HGHI-E
• Built-in 512 GB eSSD (480 GB available) • 4-ch 1080p lite @ 15 fps • 5.4 W (max.)	• Built-in 1 TB eSSD (960 GB available) • 8-ch 1080p lite @ 15 fps • 6.2 W (max.)	• Built-in 1 TB eSSD (960 GB available) • 4-ch 3K / 5 MP lite @ 12 fps • 5.4 W (max.)	• Built-in 1 TB eSSD (960 GB available) • 4-ch 1080p lite @ 15 fps • 5.4 W (max.)
Motion Detection 2.0		AcuSense-enabled classified object detection	Motion Detection 2.0
HDTVI / AHD / CVI / CVBS / IP video input			
H.265 & Scene-Adaptive Bitrate Control			

Note: Recording times are 2, 4, or 8 weeks by default parameters and in test environments, with all channels connected to analog cameras. Actual recording time might be under 2, 4, or 8 weeks in real-world scenarios, depending on environment, connected equipment, etc.