



See Far, Go Further

2021 Hikvision Cool Security Technologies Products Quick Guide

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2021 HIKVISION COOL SECURITY TECHNOLOGIES PRODUCTS QUICK GUIDE

AcuSense
Technology
The Easy Update
to AI




ColorVu
Technology
View in Color, Even in
Darkness

4K
Trend of Ultra High
Definition

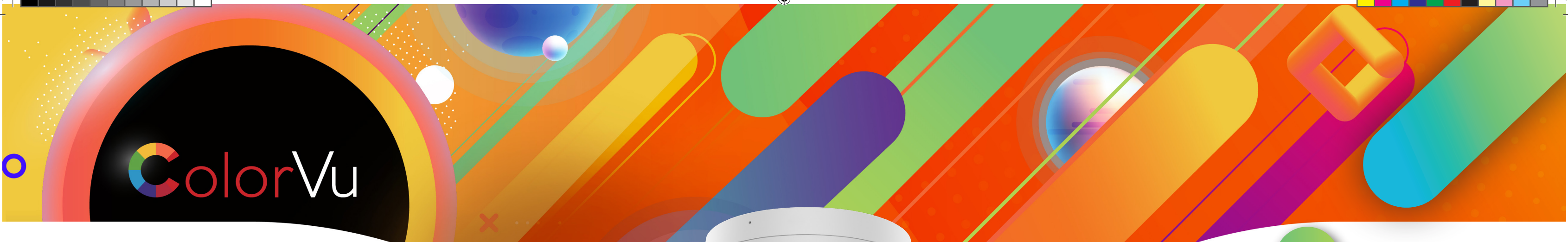
HIKVISION



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-  **Part 1: ColorVu**
View in Color, Even in Darkness
-  **Part 2: AcuSense**
The Easy Update to AI
-  **Part 3: 4K**
Trend of Ultra High Definition





COLORVU

VIEW IN COLOR EVEN IN DARKNESS

Darkness provides cover for theft, trespassing, and other crimes. When incidents occur at night, dim, low-quality images from conventional cameras miss or lose critical details. Cameras with infrared LEDs are able to provide extra light for clearer image, but in black-and-white.

But now, imagine capturing vivid, colorful details – such as the color of people’s clothing or of a car – even in total darkness. Hikvision ColorVu Technology makes this possible.

Hikvision ColorVu Technology enables front-end products to capture details in low light with three advantages: advanced hardware, superior ISP algorithm, and reliable quality control. ColorVu technology employs two specific breakthroughs in hardware technology: advanced lenses and powerful sensors.

These lenses reach up to F1.0, allowing more light to enter and thereby increasing image brightness. Next, high-sensitivity sensors vastly improve the utilization of that light. The frontier ISP algorithm realizes precise color rendition to produce accurate colorful images.

Moreover, active alignment technology guarantees the focusing performance of lenses in the mass production of ultra-high definition ColorVu products, resulting in superlative quality control.

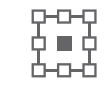
Extreme light conditions are also taken into consideration in the design process. Some cameras are equipped with warm, natural-looking supplemental lighting. This way, when there is no light source whatsoever – even starlight or street lights – they can guarantee colorful imaging.

For most scenes, the environmental light is bright enough for ColorVu cameras to render vivid color without supplemental lighting.

WHY COLORVU



F1.0 Super Aperture



Active Alignment Technology



Advanced Sensor



HIKVISION



ColorVu IP Products



LOW ILLUMINATION PERFORMANCE

COLORVU IP PRODUCT LIST

4K powered by DarkFighter



4K ColorVu



EasyIP 4.0 with ColorVu				1 series with ColorVu			
Product Series	2xx762(SL)	2xx762 outdoor	2xx762 indoor	Product Series	10x7/13x760	1Tx760	11x760
Image				Image			
Product Specification				Product Specification			
Key Feature	4MP Color Camera	2/4/8MP Color Camera	2/4/8MP Color Camera	Key Feature	2/4MP Color Camera	2/4MP Color Camera	2/4MP Color Camera
	0.0005Lux	0.0005Lux	0.0005Lux		0.001Lux	0.001Lux	0.001Lux
	24/7 colorful imaging with F1.0 aperture	24/7 colorful imaging with F1.0 aperture	24/7 colorful imaging with F1.0 aperture		24/7 colorful imaging with F1.0 aperture	24/7 colorful imaging with F1.0 aperture	24/7 colorful imaging with F1.0 aperture
	2.8/4/6mm	2.8/4/6mm	2.8/4mm		2.8/4mm	4/6mm	2.8/4mm
	130dB	130dB WDR	130dB		IP67	IP67	IP67/IK10
	IP67	IP67	IP67 IK10(21x7)				
	Focus on human and vehicle targets	Focus on human and vehicle targets	Focus on human and vehicle targets				
Active strobe light and audio alarm							

COLORVU ANALOG PRODUCT LIST



ColorVu Analog Products

Analog				
Product Series	DF0T	DF3T series	DF8T series	KF0T
Image				
Product Specification				
Key Feature	2 MP	2 MP	2 MP	3K
	0.01Lux	0.0005Lux	0.0003Lux	0.01Lux
	24/7 colorful imaging with F1.0 aperture	24/7 colorful imaging with F1.0 aperture	24/7 colorful imaging with F1.0 aperture	24/7 colorful imaging with F1.0 aperture
	2.8/3.6cmm	2.8/3.6cmm	2.8/3.6cmm	2.8/3.6cmm
		Audio over Coaxial (-S) with dual noise reduction	Audio over Coaxial (-S) with dual noise reduction	Audio over Coaxial
		130dB WDR	130dB WDR	
		IP67	IP67	IP68

Analog			
Product Series	HFT series	KF3T	UF3T
Image			
Product Specification			
Key Feature	5 MP	3K	4K
	0.0005Lux	0.0003Lux	0.0005Lux
	24/7 colorful imaging with F1.0 aperture	24/7 colorful imaging with F1.0 aperture	24/7 colorful imaging with F1.0 aperture
	2.8/3.6cmm	2.8/3.6cmm	2.8/3.6cmm
	Power over Coaxial		Power over Coaxial
	130dB WDR	130dB WDR	130dB WDR
	IP67	IP67	IP67

AcuSense The Easy Upgrade

to



**FOCUS
and
ACT**

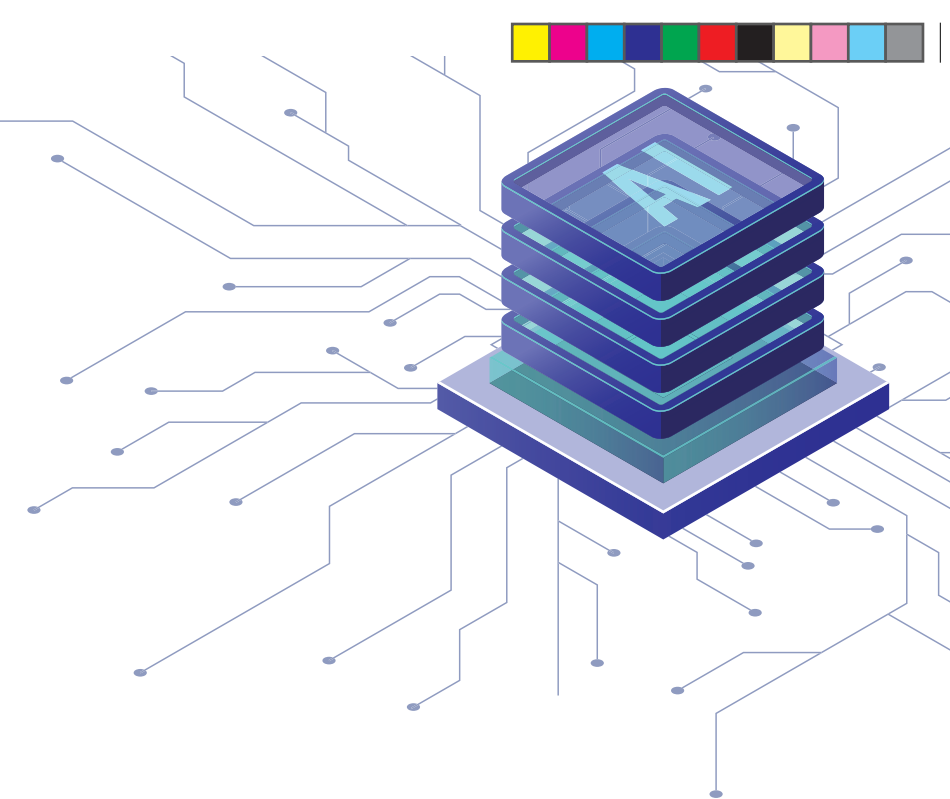
A sense of safety is one of the most basic human needs, and that goes for both personal and property safety. And this is exactly why people install security systems in their homes and businesses.

Compared to conventional sensor-based alarm systems, a video-based security system that utilizes cameras has several advantages: the ability to watch events in real-time over the live feed, capture critical data around those events, and provide solid and accurate evidence for law enforcement.






AcuSense technology adds a touch of intelligence to Hikvision's popular cameras and video recorders, making them perfect for an accessible and intelligent security system.

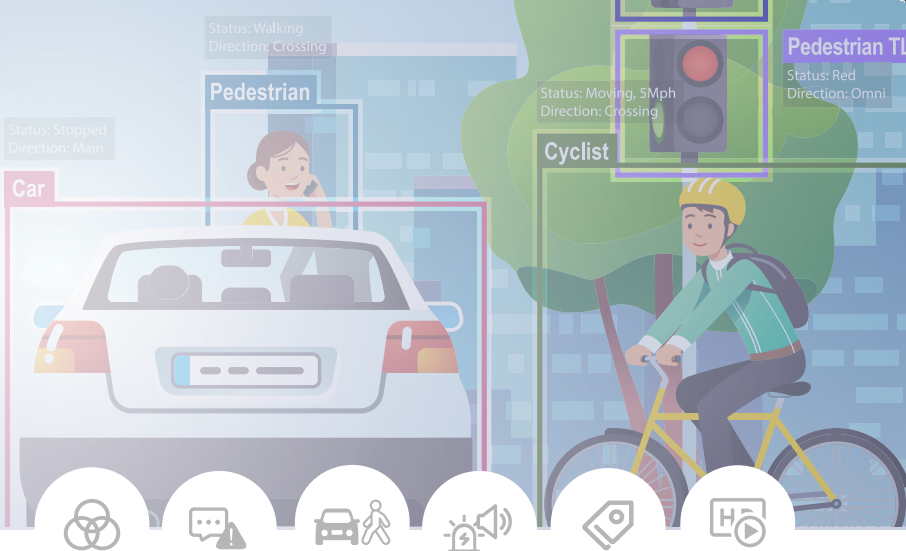
Based on deep learning technology, AcuSense helps you focus on human and vehicle events in two ways: alarms will only trigger when the preset type of intrusion takes place, and video footage is sorted by target-type categories for easier searching through recorded footage. Strobe light and audio alarms serve as virtual security guards, protecting users from potential risks by warding off intruders. When emergencies occur, related videos are classified into human and vehicle categories for quick search and retrieval. Sophisticated, highly effective, and affordable, the AcuSense solution provides SMB owners and operators an intelligent and easy-to-use protection system for their property and assets, while helping resellers build a uniquely competitive go-to-market proposition.



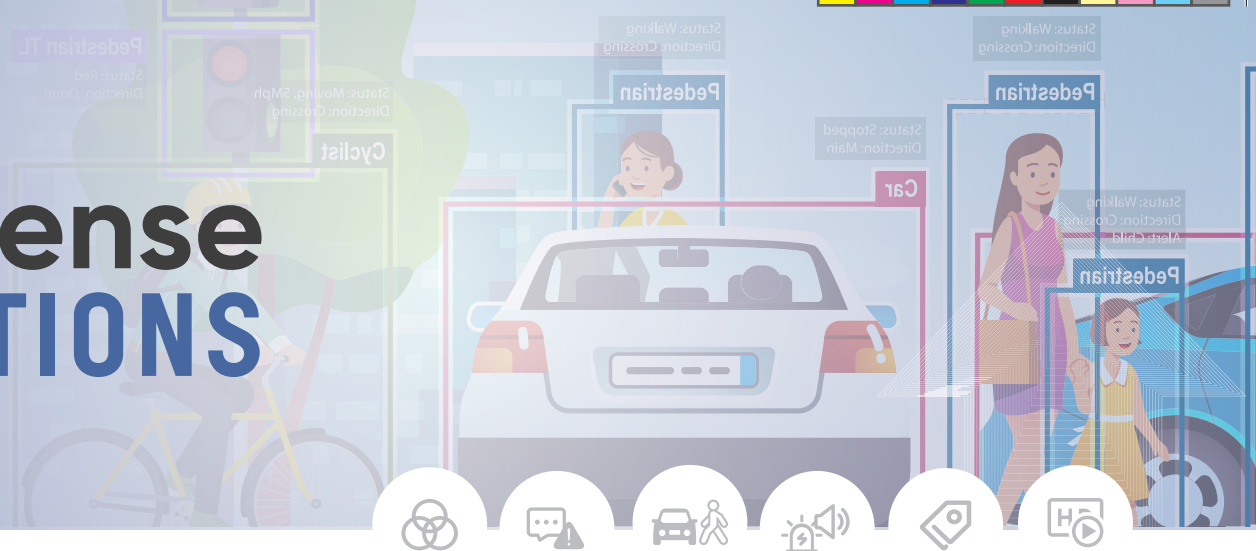
WHY ACUSENSE

-  Focus on Humans and Vehicles
-  Search Targets Quickly by Type
-  Visual and Auditory Warning

AcuSense SOLUTIONS



AcuSense SOLUTIONS



IP



Camera with AcuSense + NVR with AcuSense + Hik - Connect

- **More Than 4 channels** : for humans and vehicle classification.
- **Live guard** : strobe light and audio alarm protection (optional).
- **Quick target search**.
- **HIK-connect** : notification pushing.



Camera with AcuSense + NVR with AcuSense + Hik - Connect

- **More Than 4 channels** : for humans and vehicle classification.
- **Quick target search**.
- **HIK-connect** : notification pushing.



Camera with AcuSense + NVR with AcuSense + Hik - Connect

- **Human and vehicle detection by camera**.
- **Live guard**: Strobe light and audio alarm protection.
- **Quick target search by recorders**.
- **Hik-Connect** : notification pushing.



Camera with AcuSense + NVR with AcuSense + Hik - Connect

- **2/4 channels** : for humans and vehicle detection.
- **strobe light and audio alarm protection** (optional).
- **Quick target search**.
- **HIK-connect** : notification pushing.

Analog



Siren Camera -x camera + DVR with AcuSense + Hik-Connect

- **Audio and strobe light - PIR detection**
- **Face detection / facial recognition (_FA)**
- **Human/ Vehicle motion detection for all analog channels**.
- **Hik-Connect notification pushing**
- **Quick target search by recorders**



ColorVu Camera DFxT/DFT/HFT + DVR with AcuSense + Hik-Connect






- **7*24 colorful view - Strobe light alarm**
- **Face detection / facial recognition (_FA)**
- **Human/ Vehicle motion detection for all analog channels**
- **Hik-Connect notification pushing**
- **Quick target search by recorders**



Normal Camera DOT/D3T/D8T/HOT/H8T/U1T/U7T + DVR with AcuSense + Hik-Connect

- **Face detection / facial recognition (_FA)**
- **Human/ Vehicle motion detection for all analog channels**
- **Hik-Connect notification pushing**
- **Quick target search by recorders**








EasyIP 4.0 with AcuSense					
Network Camera with AcuSense					
Image					
Product Series	20x6 series	21x6 series	23x6 series	2Tx6 series	26x6 series
Product Specification					
Key Feature	2/4/6/8MP	2/4/6/8MP	2/4/6/8MP	2/4/6/8MP	2/4/6/8MP
	2.8/4/6mm	2.8/4/6cmm	2.8/4/6mm	2.8/4/6mm	2.8-12mm
	Powered by DarkFighter	Powered by DarkFighter	Powered by DarkFighter	Powered by DarkFighter	Powered by DarkFighter
	IP67	IP67,IK10	IP67	IP67	IP66,IK10
Highlight	Accurate Alarm for Humans and Vehicles / Search Targets Quickly by Type / Visual and Auditory Warning				

EasyIP 4.0 with AcuSense		
Live Guard Network Cameras with AcuSense		
Image		
Product Series	2Tx6 series	26x6 series
Product Specification		
Key Feature	2/4/6/8MP	2/4/6/8MP
	2.8/4/6cmm	2.8-12mm
	Powered by DarkFighter	Powered by DarkFighter
	IP67	IP66,IK10
Highlight	Accurate Alarm for Humans and Vehicles / Search Targets Quickly by Type / Visual and Auditory Warning	



EasyIP 4.0 with AcuSense					
Network Camera with AcuSense			Live Guard Network Cameras with AcuSense		
Image					
Product Series	27x6 series	25x6 series	2Hx6 series	20x6 series	23x6 series
Product Specification					
Key Feature	2/4/6/8MP	2/4/6/8MP	2/4/6/8MP	2/4/6/8MP	2/4/6/8MP
	2.8-12mm	2.8/4mm	2.8-12mm	2.8/4/6cmm	2.8/4/6cmm
	Powered by DarkFighter	Powered by DarkFighter	Powered by DarkFighter	Powered by DarkFighter	Powered by DarkFighter
	IP66,IK10	IP67,IK08	IP66,IK10	IP67	IP67
Highlight	Accurate Alarm for Humans and Vehicles / Search Targets Quickly by Type / Visual and Auditory Warning				

EasyIP 2.0+ with AcuSense					
Network Camera with AcuSense					
Image					
Product Series	20x3 series	21x3 series	23x3 series	25x3 series	2Ex3 series
Product Specification					
Key Feature	2/4/6/8MP	2/4/6/8MP	2/4/6/8MP	2/4/6/8MP	2/4MP
	2.8/4/6mm	2.8/4mm	2.8/4/6mm	2.8/4/6mm	2.8/4/6mm
	IP67	IP67,IK10	IP67	IP67,IK08	
	Accurate Alarm for Humans and Vehicles / Search Targets Quickly by Type / Visual and Auditory Warning				
Highlight	Accurate Alarm for Humans and Vehicles / Search Targets Quickly by Type / Visual and Auditory Warning				

EasyIP 2.0+ with AcuSense



Network Camera with AcuSense

Image				
Product Series	2Tx3 series	26x3 series	27x3 series	2Hx3 series
Product Specification				
Key Feature	2/4/6/8MP	2/4/6/8MP	2/4/6/8MP	2/4/6/8MP
	2.8/4/6mm	2.8-12mm	2.8-12mm	2.8-12mm
	IP67	IP67,IK10	IP67,IK10	IP67,IK10
Highlight	Accurate Alarm for Humans and Vehicles / Search Targets Quickly by Type / Visual and Auditory Warning			

DVR with AcuSense

Product Series	IDS-72XX/HQHI-Mx/S IDS-72XX/HUHI-Mx/S	IDS-72XX/HQHI-Mx/(FA) IDS-72XX/HUHI-Mx/(FA)
Image		
Product Specification		
Key Feature	4/8/16/32-ch	4/8/16-ch
	Human/vehicle motion detection for all analog channels	Human/vehicle motion detection for all analog channels
	Face detection	Facial recognition
	Hik-Connect linkage	Hik-Connect linkage
Highlight	Focus on Human&Vehicle	Focus on Human&Vehicle
	Act in real time	Act in real time
	Efficient with smart playback and quick target search	Efficient with smart playback and quick target search

NVR with AcuSense

Product Models	DS-76xxNXI-I2I/*PI/S	DS-77xxNXI-I4I/16PI/S
Image		
Product Specification		
Key Feature	16-ch @ 1080p	16-ch @ 1080p
	Focus on Human&Vehicle	Focus on Human&Vehicle
Highlight	Act in real time	Act in real time
	Efficient with smart playback and quick target search	Efficient with smart playback and quick target search

4K TREND OF ULTRA HIGH DEFINITION

With the development of 4K technology quickly coming into focus, opportunities to use this technology in security will continue to grow. As a leading video security equipment manufacturer, Hikvision has paid close attention to the rise in high-resolution imaging, and launched a total 4K system to harness this technology in the global security industry.

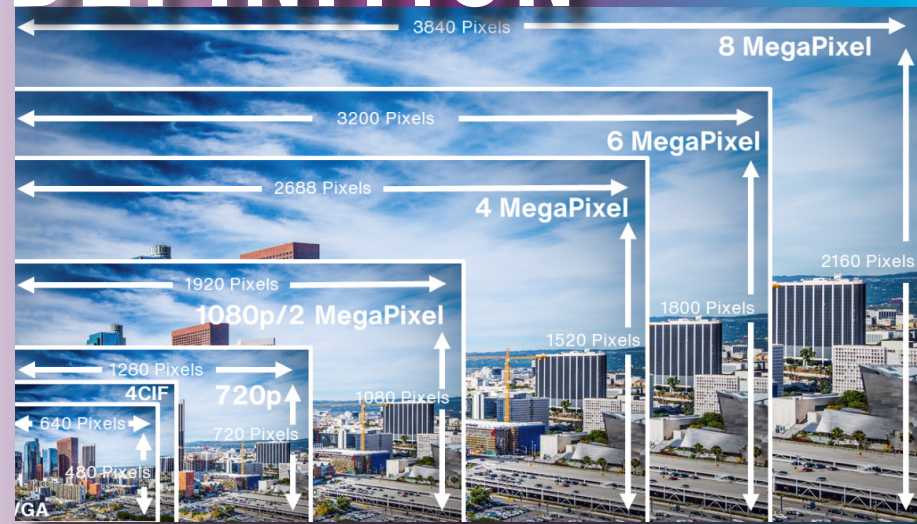
Without complementary 4K components, such as monitors and DVRs / NVRs, 4K cameras cannot be used to their full potential, and therefore have little practical use in video security. By building a total system – complete with cameras, DVRs, NVRs, and more – Hikvision provides systems that are more helpful and more useful to customers. The Hikvision 4K system, which comes equipped with a variety of smart functions, satisfies the security industry's need for ultra-high resolution and smart video monitoring.



WHY 4K

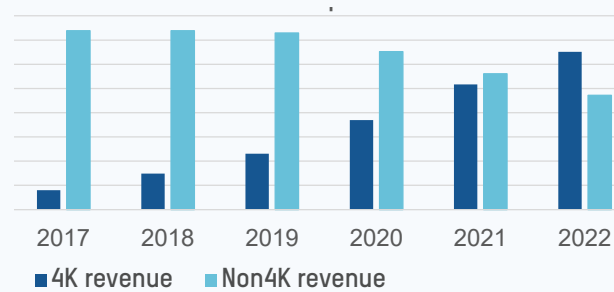
- Ultra-High Definition (**UHD**)
- 4K output

TREND ULTRA HIGH DEFINITION

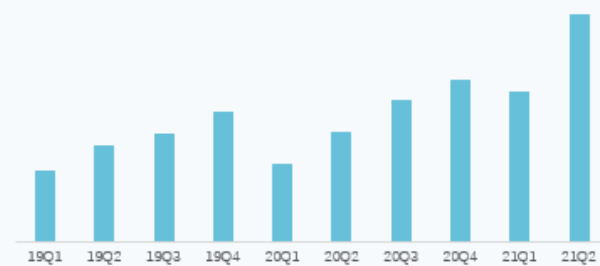


DEVELOPING OF RESOLUTION IN VIDEO SECURITY INDUSTRY

The Market for network cameras by 4K compliance

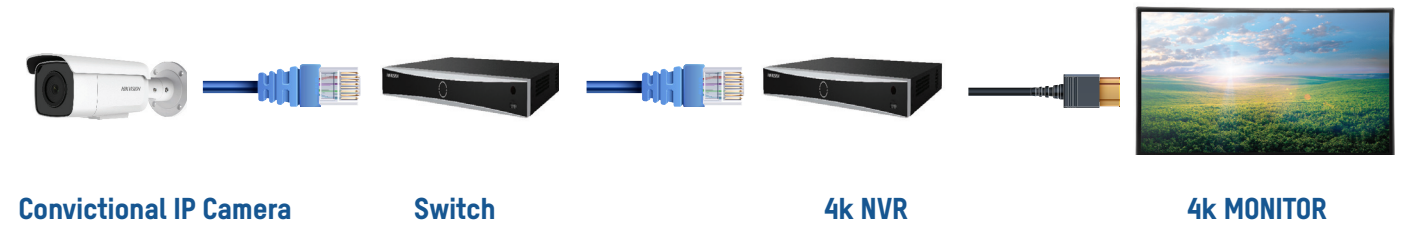


Quarterly growth of 4K cameras



4K Products

4K PRODUCT SOLUTION



Convictional IP Camera

Switch

4k NVR

4k MONITOR

Network Cable



HDMI Cable



4k TurboHD Camera

4k DVR

4k MONITOR

VGA Cable



HDMI Cable

