HIKVISION

2020 H2

IP Roadmap

Network Cameras PTZ Dome Cameras NVRs

International Product and Solution Center

Contents

IP Roadmap (Type D)

- **Network Cameras**
- **PTZ Dome Cameras**
- **NVRs**
- **WIFI Camera**

Type D Network Cameras

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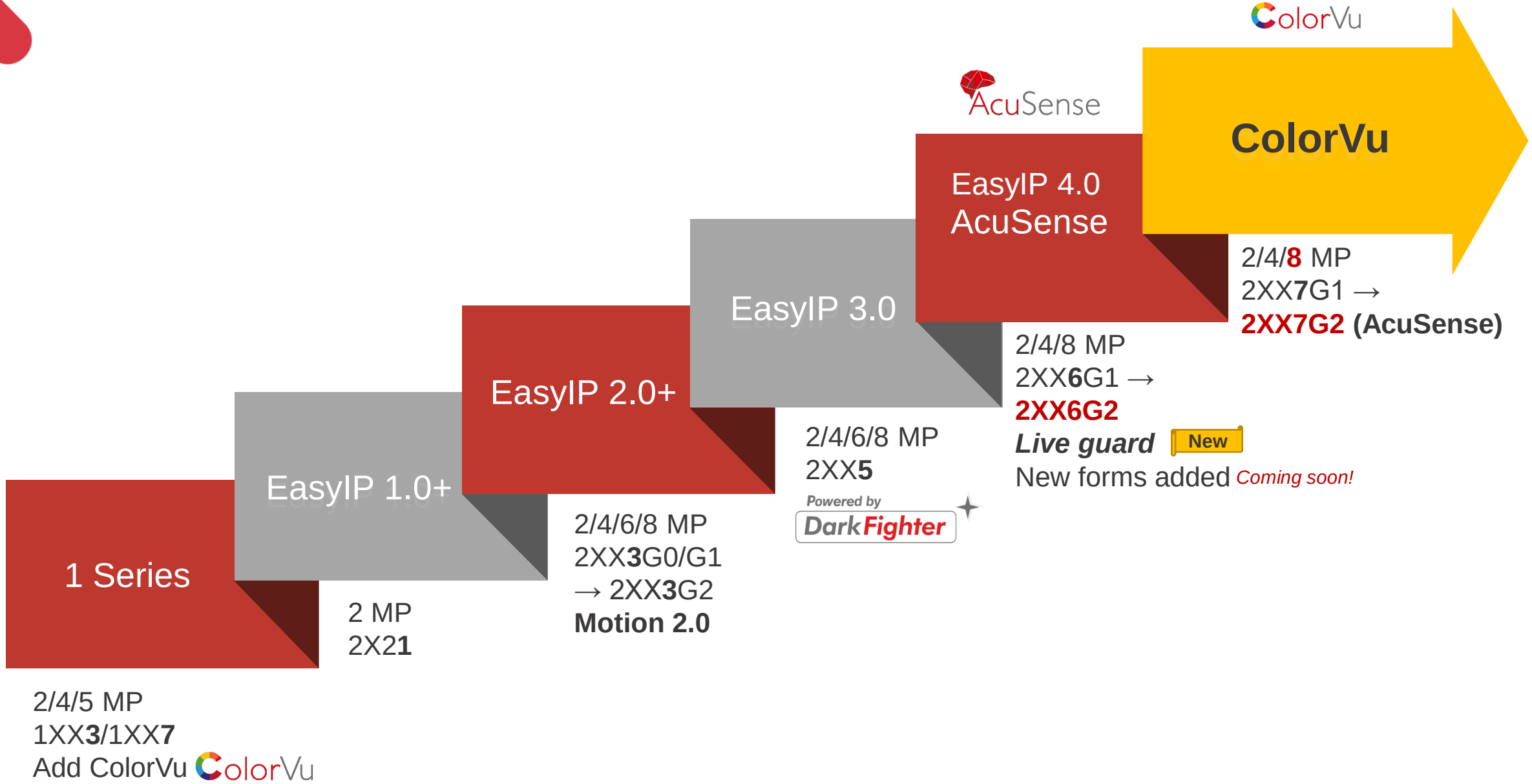
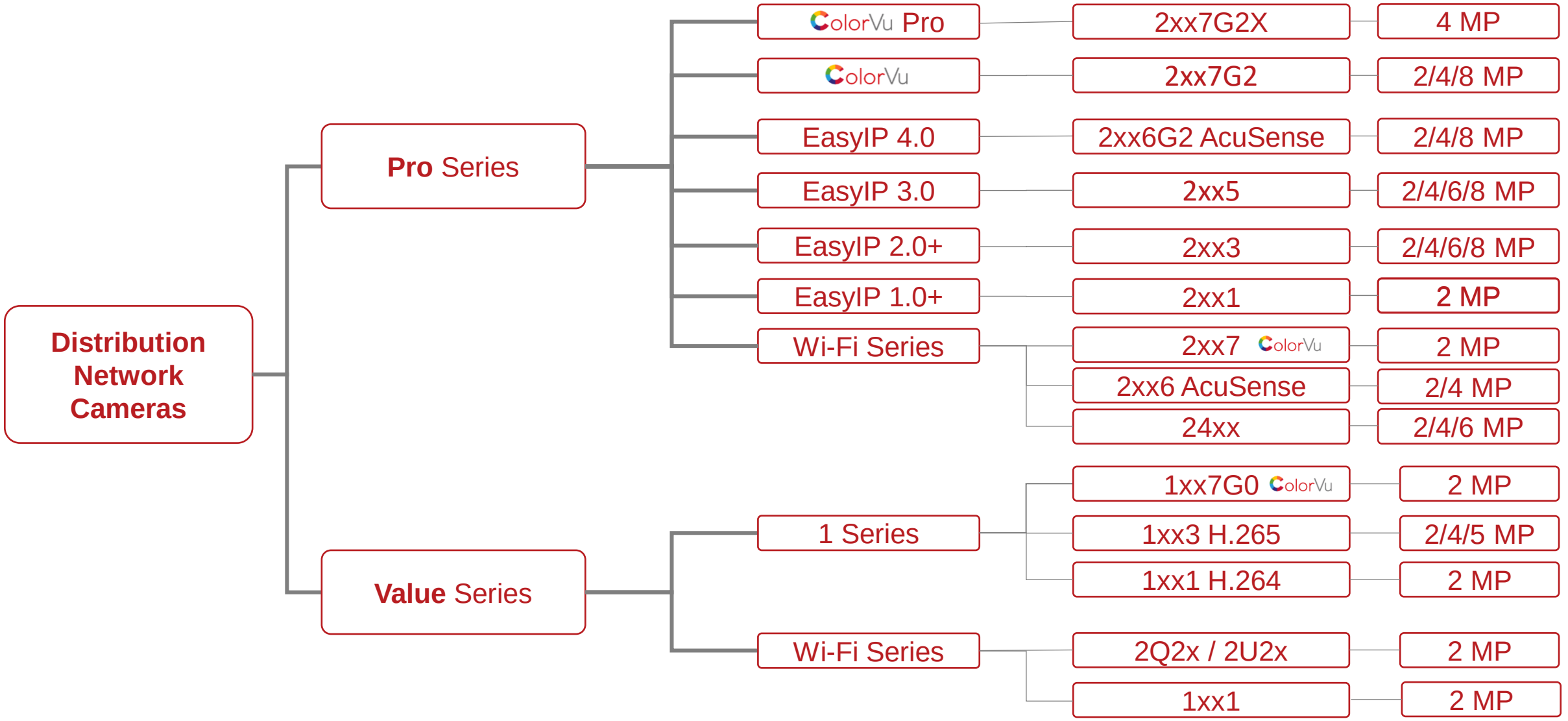


Network Cameras in Distribution Channel

Product System



Product System – Pro Series (EasyIP)

New models in 2020 H2

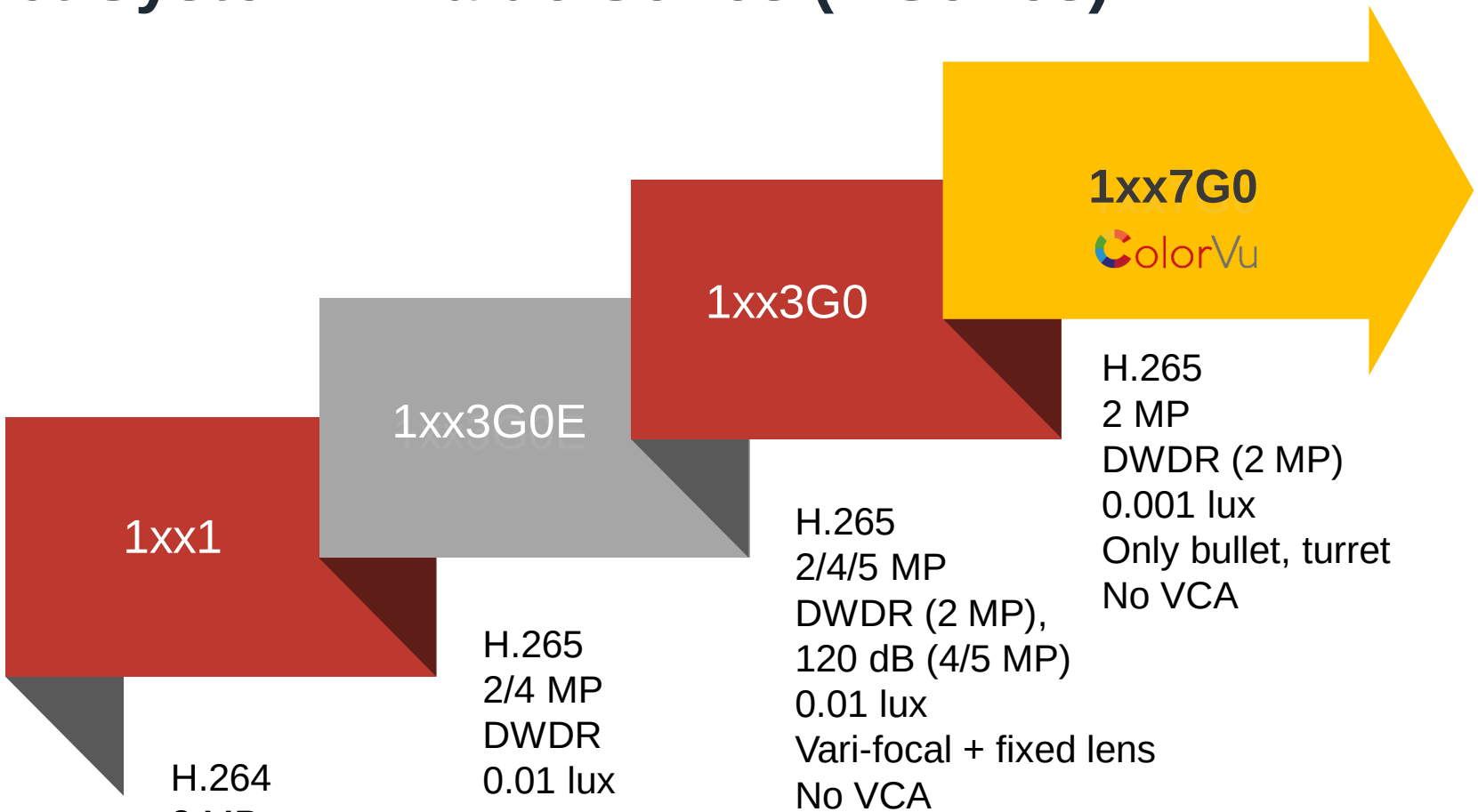
2XX3G2: motion detection 2.0

	2xx1 EasyIP 1.0+	2xx3 EasyIP 2.0+	2xx5 EasyIP 3.0	2xx6 AcuSense EasyIP 4.0
4K		2X83G2 2X83G0/G1	2185 HDMI 2X85	2X86G2-ISU/SL 2X86G2 2186G2, 2H86G2
6 MP		2X63G2 2X63G0/G1	2X65	
4 MP		2X43G2 2X43G0/G1	2345G0P/2T45G0P 2X45FWD	2X46G2-ISU/SL 2X46G2 2546G2, 2H46G2, 2446G2
2 MP	2X21G0	2X23G2 2X23G0/G1	2125 HDMI 2X25FWD	2X26G2-ISU/SL 2X26G2 2526G2, 2H26G2, 2426G2

Powered by DarkFighter

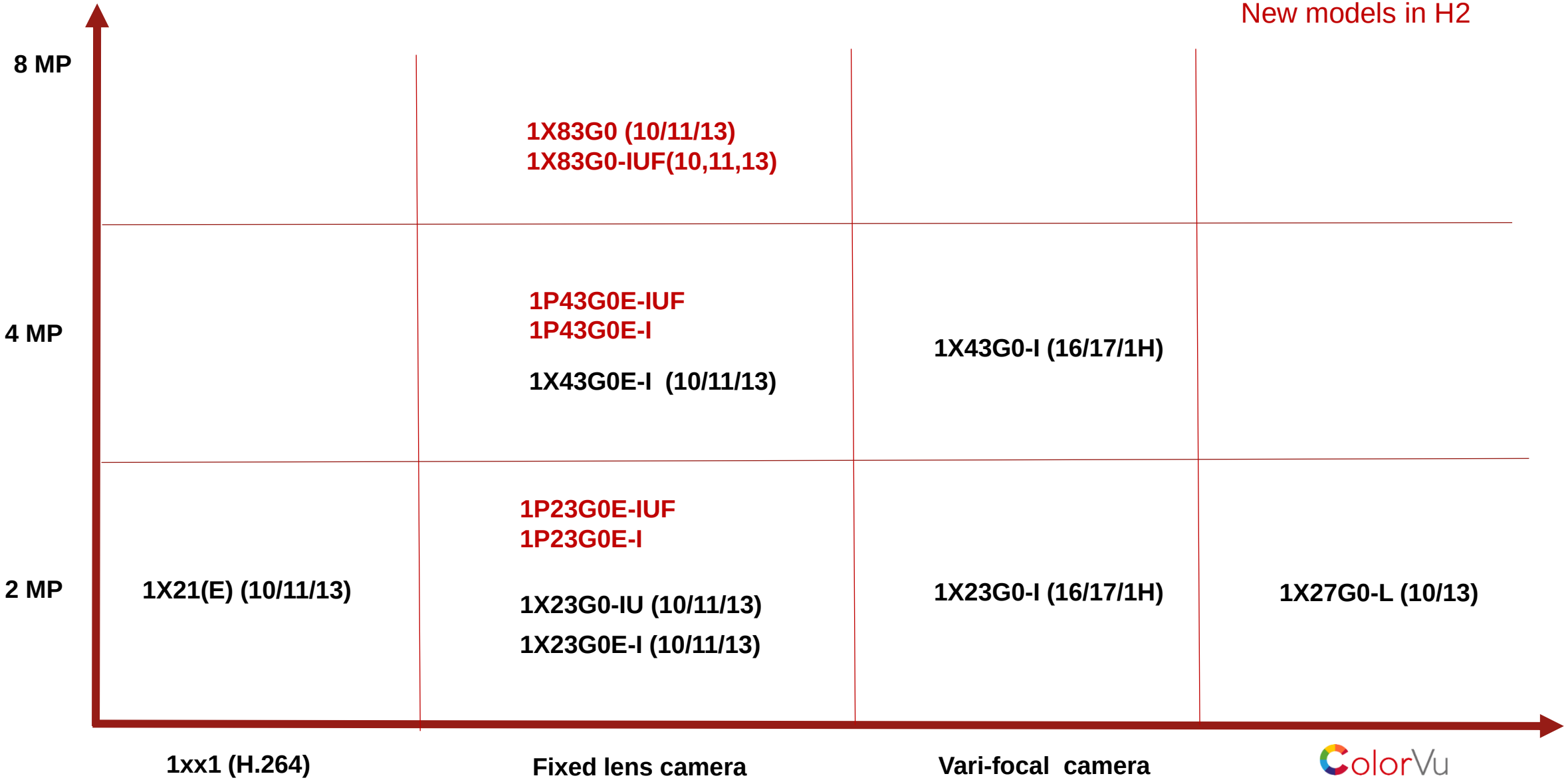
Powered by DarkFighter

Product System – Value Series (1 Series)



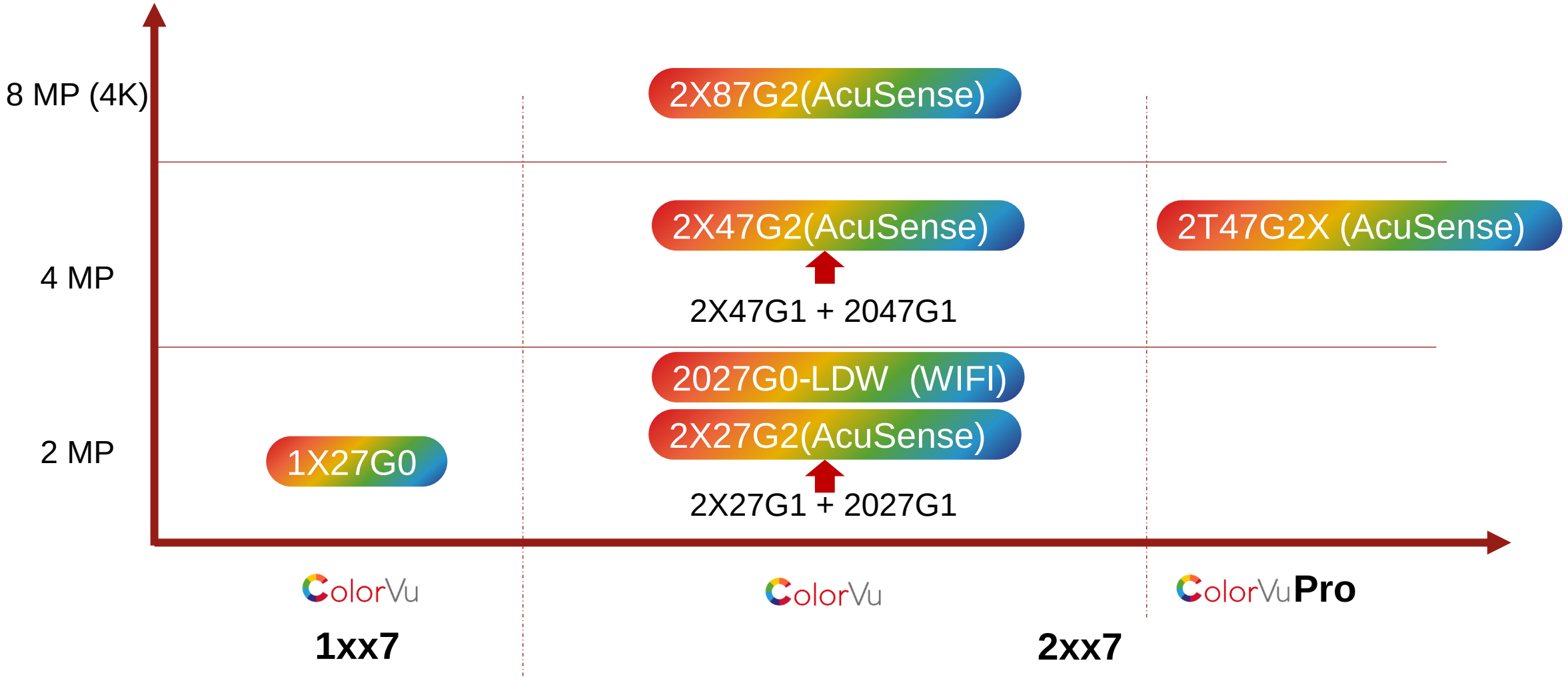
Product System – Value Series (1 Series)

New models in H2



Product System – ColorVu

New models in 2020



New ColorVu Network Cameras

DS-2CD2047G2-L(U)
DS-2CD2027G2-L(U)

DS-2CD2347G2-L(U)
DS-2CD2327G2-L(U)

DS-2CD2T47G2-L
DS-2CD2T27G2-L

1 0.0005 lux @ F1.0

2 **AcuSense**

3 Friendly lighting

4 2/4 MP

5 -U: built-in mic

6 IP67

Value Series

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Value

1 Series

ColorVu 2 MP series
DS-2CD1027G0-L
DS-2CD1327G0-L

ColorVu

F1.0 , 2 MP, 0.001 lux, 30 m warm light, DWDR, IP67, full metal (bullet), metal + plastic (turret)

ColorVu 4 MP series
DS-2CD1047G0-L
DS-2CD1347G0-L

ColorVu

F1.0, 4 MP, 0.001 lux, 30 m warm light, 120 dB, IP67, full metal (bullet), metal + plastic (turret)

24/7 Colorful Imaging with Target Classification

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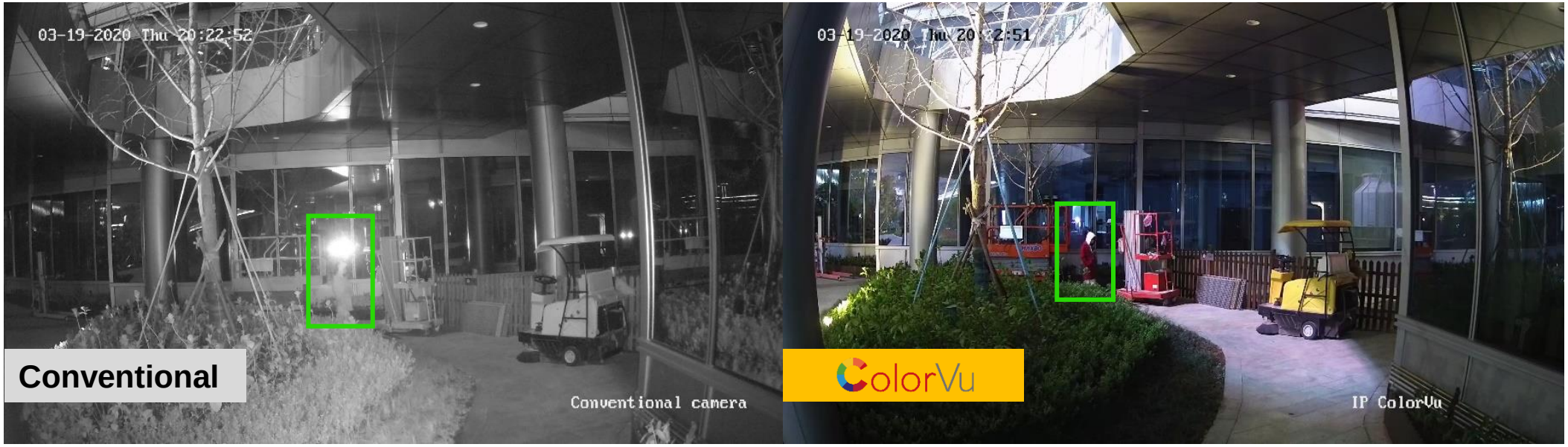
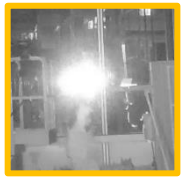
can capture human/vehicle targets with vivid details, providing a more secure life.

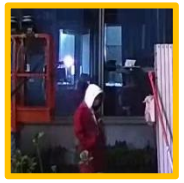


* Images shot with conventional camera with IR on and ColorVu camera without supplement light.



IR reflection on smooth interfaces, may cause interferences in video.

Insufficient features on detected human targets.



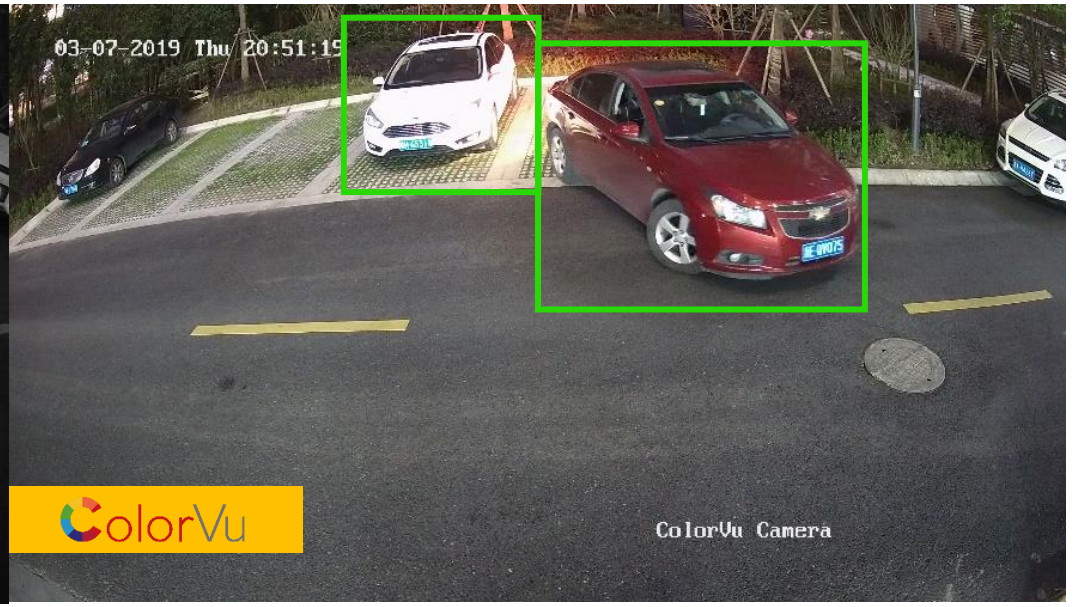
Warm light is not necessary in most scenes. Low risk with light reflection.

Human targets are captured with color details, providing more information.

24/7 Colorful Imaging with Target Classification

HIKVISION

can capture human/vehicle targets with vivid details, providing a more secure life.



* Images shot with conventional camera with IR on and ColorVu camera without supplement light.

Unable to identify license plate due to IR reflection.

License plate visible in color without reflection.

Unable to identify color of vehicles in dark environment.

Vehicle color clear to see, even in darkness.

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04

WIFI Camera

Value

Wi-Fi Camera Family

ColorVu

2027G0 (D)

AcuSense

2046G0 (D)

2026G0 (D)

2146G0 (D)

2126G0 (D)

Standard models

2041G2 (D)

2021G2 (D)

2141G2 (D)

2121G2 (D)

1021G0 (D)

2Q21 (W)

2U21 (W)

242X (W), 244X (W), 245X (W)

S-SMB Wi-Fi Camera

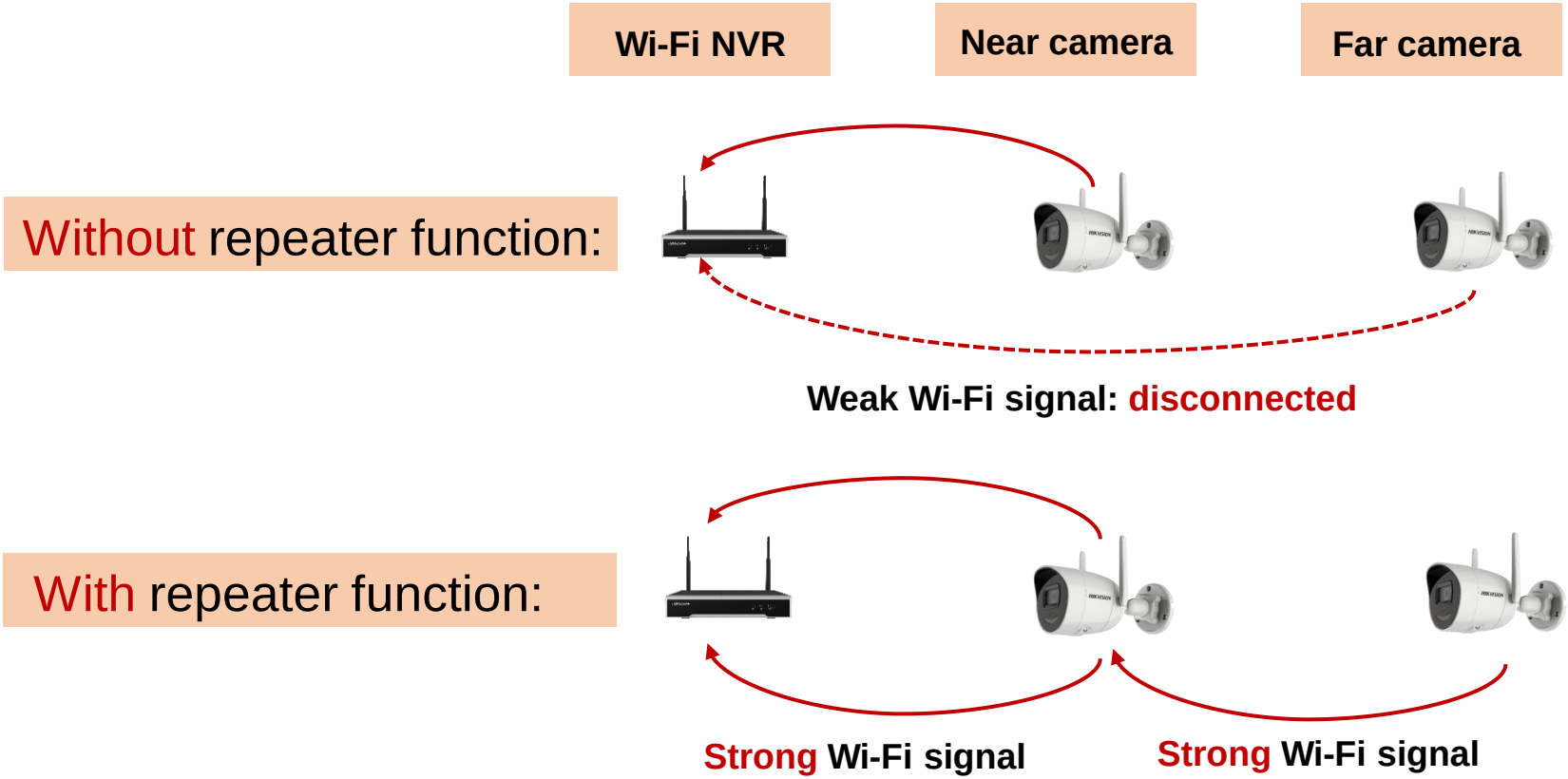
Consumer Wi-Fi Camera

Spotlight – Wi-Fi Kit (D)

NK44W0H (D)
NK42W0H (D)

Repeater function

Automatically, a distant Wi-Fi camera can first connect to a near Wi-Fi camera (as a repeater) and then goes to the NVR to get connected.

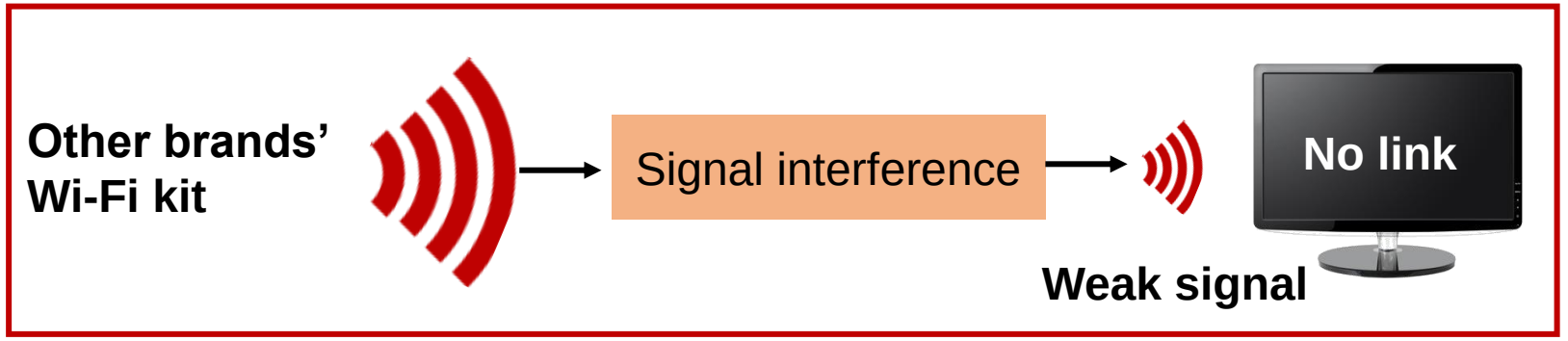


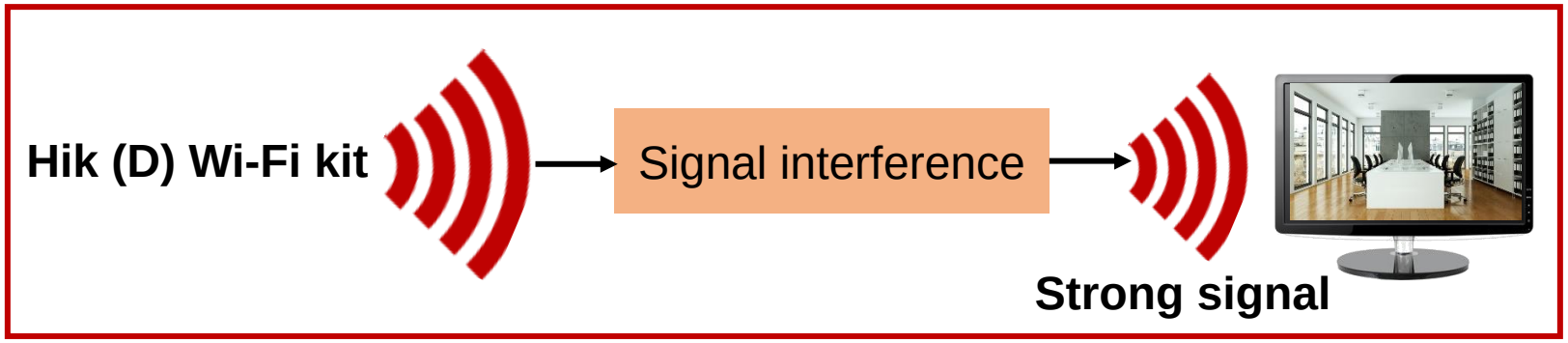
Spotlight – Wi-Fi Kit (D)

NK44W0H (D)
NK42W0H (D)

Better anti jamming capacity

Providing stable images even when there is signal interference by other digital gadgets in the environment.





Spotlight – Wi-Fi Kit (D)

NK44W0H (D)
NK42W0H (D)

Upgraded decoding capacity

4-ch live views of 4 MP cameras for NK44W0H-1T (WD) (D)
4-ch live views of 2 MP cameras for NK42W0H-1T (WD) (D)

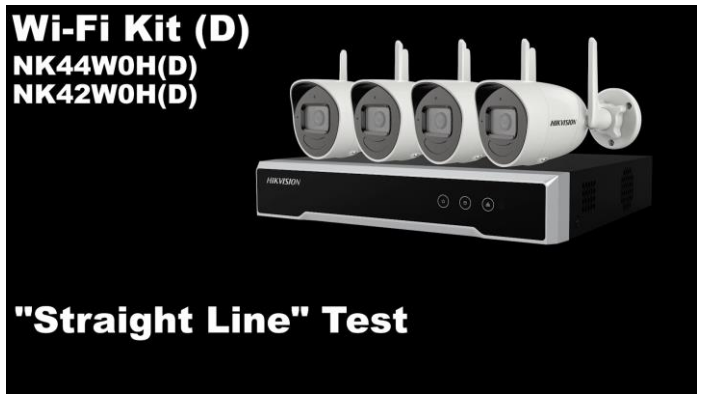
Two external antennas

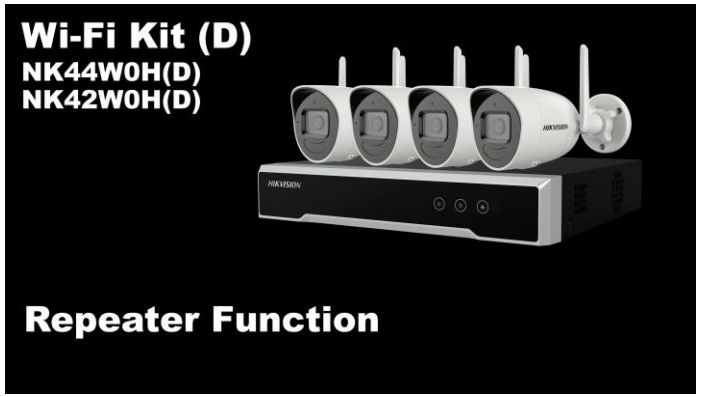
Widening Wi-Fi coverage up to 120 m.

60 s quicker to see images of cameras than before

Spotlight – Wi-Fi Kit (D)

Performance





“Straight Line” Test

“Through Wall” Test

Repeater Function

Note: the above tests are for reference only and results may vary from different scenarios.

02

PTZ Cameras

Network PTZ Camera Product Map

New models

To be discontinued

7-inch

2/4/5 MP
25x / 30x / 32x
IK10 (except the lens)

DE7 / DE7 (S5) AcuSense

1 Bullet: 4 MP, 4 mm
1 PTZ: 2 MP, 32x
IK10 (except the glass window)

SE7C (S5) AcuSense

5-inch

2/4 MP
25x / 32x

DE5 / DE5 (S5) AcuSense

DE5

2/4 MP
25x / 32x
IK10

4-inch
DE4 / DE4A

2/4 MP
15x / 25x

DE4 / DE4 (S5) AcuSense

DE4A

2/4 MP
4x / 15x / 25x

DE4

2/4 MP
15x / 25x

3-inch
DE3 / DE3A

DE3A

4 MP
4x

4 MP
Fixed lens

3A400BW-DE(F1)(S5)
3A400BW-DE/W(F1)(S5) ColorVu AcuSense

DE3

2/3 MP
4x
IK10

2-inch

DE2A

2/4 MP
4x
IK10

IR

Non-IR

Pro Series

DE PTZ

- AcuSense;
- Built-in Mic (sound pickup range up to 15 m) + speaker: two way audio
- 4 MP, 4x, 50 m IR + 30 m white light

MP:2020.12

AcuSense

AcuSense 3-inch PTZ Camera
DS-2DE3A404IW-DE(S5)

MP : Release time **ES : Sample time**

Pro Series

DE PTZ

- 1 bullet (4 MP. 4 mm, 0.005 lux, 120 dB) for the whole scene;
- 1 PTZ (2 MP, 32x, 0.005 lux, 120 dB) for details;
- AcuSense;
- Audio and light alarm (built-in speaker and flashing light);
- Face capture;
- Heat on glass for deicing.

AcuSense

Smart-linkage PTZ Camera
DS-2SE7C124IW-AE(32X/4)(S5)

Upcoming – AcuSense Smart-linkage PTZ Camera

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Features

Bullet
- 4 MP
- 4 mm
- 0.005 lux @ F1.6
- 120 dB

PTZ
- 2 MP
- 32x
- 0.005 lux @ F1.2
- 120 dB

Two 30 m IR Lights

Flashing light

Six 150 m IR lights

Built-in speaker

DS-2SE7C124IW-AE(32X/4)(S5)

Benefits

- **See the Whole and See Details**

Bullet: to overview the whole scene.
PTZ: to pan, tilt and zoom for details.

- **AcuSense**

Human and vehicle classification, false alarm reduction, auto tracking 2.0.

- **Real Time Alert**

Scaring off intruders in time with the flashing light and built-in speaker.
Note: supports 3 pieces of customized audio.

- **High Quality Images**

0.005 lux low illumination capacity with many long range IR lights for night use;
120 dB WDR for strong backlight scenarios.

Comparison with Conventional PTZ

Conventional PTZ:

lose the original scene when it does zoom, pan, tilt, or calls presets, patrols patterns, etc.

AcuSense **Smart-linkage PTZ Camera:**

retain the original scene and see details simultaneously to conquer the above problem.

Performance of AcuSense Smart-linkage PTZ Camera

Pro Series

DE PTZ

- ColorVu: F1.0, 0.0005 lux, 24/7 colorful images;
- AcuSense;
- Face capture;
- 30 m real time alert: built-in speaker and flashing light;
- Two way audio: built-in Mic and speaker;
- 4 MP, 4 mm, IP66

ColorVu AcuSense

ColorVu 3-inch Fixed PT Camera
DS-2DE3A400BW-DE(F1)(S5)
DS-2DE3A400BW-DE/W(F1)(S5)

Upcoming – ColorVu 3-inch Fixed Lens PT Camera

ColorVu : 0.0005 lux
F1.0 large aperture;
an advanced sensor;
30 m supplement light

Face capture
Up to 5 face picture
at the same time.

DS-2DE3A400BW-DE(F1)(S5)
DS-2DE3A400BW-DE/W(F1)(S5)

Real time alarms
Warning off intruders with sound and flashing light; 3 pieces of customized audio.

Two way audio
Hear and speak through the camera with a built-in Mic and speaker.

Focus and act: AcuSense
Realizing human and vehicle classification and false alarm reduction.

Other Features
4 MP, 4 mm fixed lens; IP66;
Wi-Fi connection (optional).

Pro Series

	2020.Q3			2020.Q4		
	7	8	9	10	11	12
DE PTZ	ES:2020.09			MP:2020.10		

- AcuSense;
- Face capture;
- 20 m IR, 20 m flashing light;
- Built-in Mic and speaker;
- 2 MP, 4x
- Wi-Fi connection (optional)

AcuSense

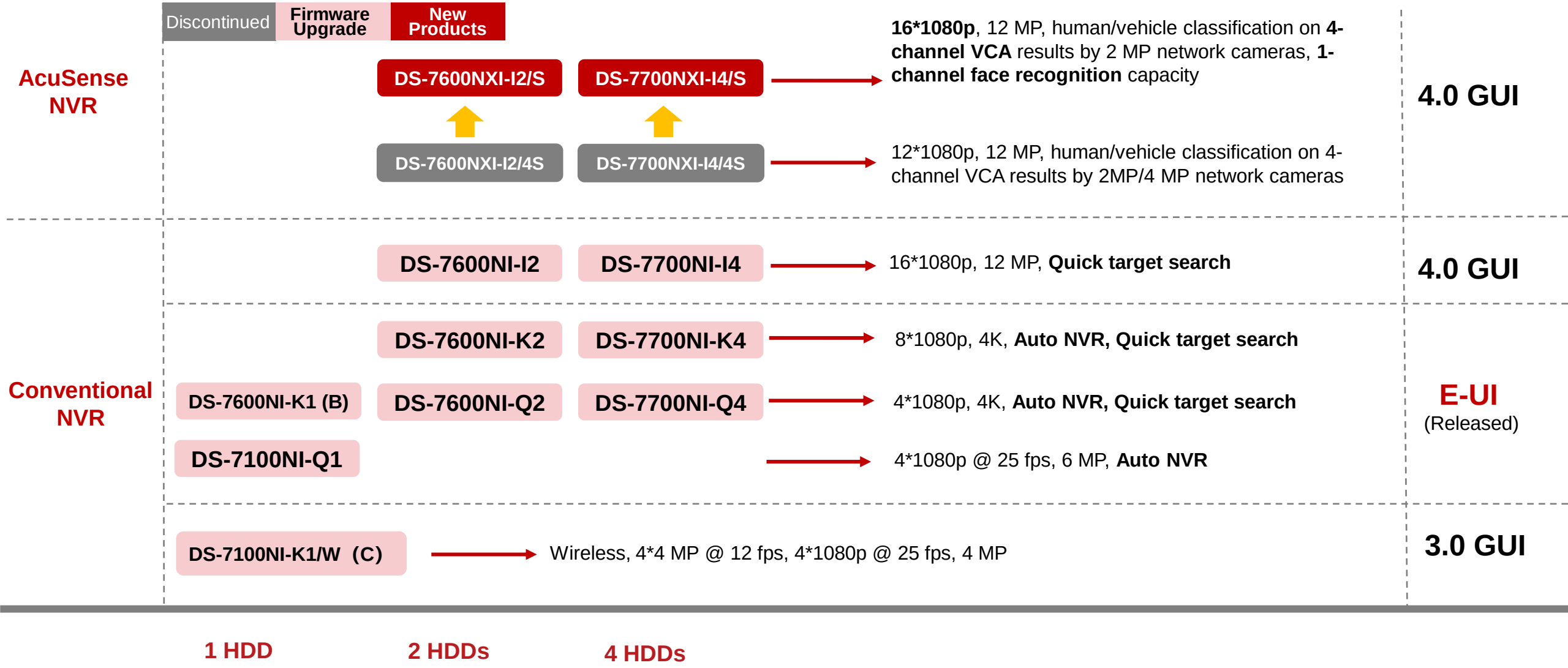
AcuSense 2.5-inch PTZ Camera
DS-2DE2204IW-DE3/W(S5)
DS-2DE2204IW-DE3(S5)

MP : Release time **ES : Sample time**

03
NVRs

Pro

NVR Product Map



Pro Series(EasyIP Series)

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Pro

NVR

DS-76XXNXI-I2/S Firmware V4.40.400

1. 4-ch @ 1080p for false alarm reduction;
2. 1-ch face recognition;
3. Up to 16-ch @ 1080p decoding;

DS-7700NI-K4 DS-7600NI-K2 Firmware V4.30.050
DS-7700NI-Q4 DS-7600NI-Q2 DS-7600NI-K1(B) Firmware V4.30.050
DS-71XXNI-Q1 Firmware V4.30.050

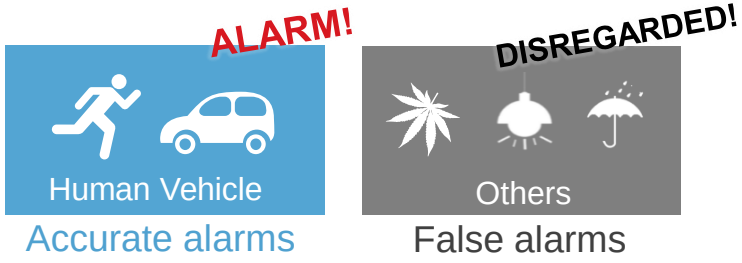
Continuously improve the usability of the interface:
1. The On-Screen keyboard will be easier to be inputted;
2. Shows the preview of video searching results;
3. Supports linkage with Hik-ProConnect, such as downloading videos, speeding up playback;

DS-7700NI-K4 DS-7600NI-K2
DS-7700NI-Q4 DS-7600NI-Q2 DS-7600NI-K1(B)
DS-71XXNI-Q1

Continuously improve the usability of the interface

New AcuSense NVR

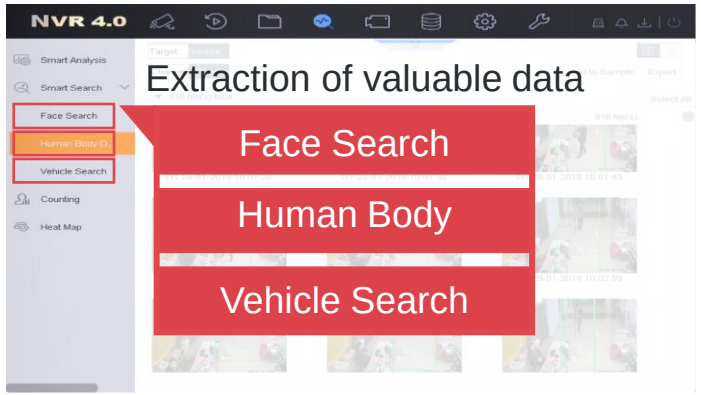
Key features



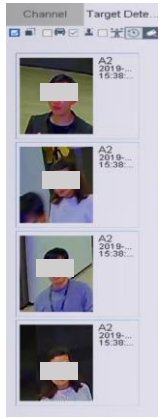
Accurate alarms

False alarms

Your treasurable time is worth focusing on human and vehicle events, get the accurate alarm notifications.



Saving time with target video searching



Face library:

10000 pics (100M) / 16 libraries

Face recognition number per second: up to 5 faces

Face recognition and false alarm reduction can not be available at the same time

New AcuSense NVR

Human/vehicle classification

Focus on human/vehicle targets alarm to avoid wasting energy

Deep Learning Algorithm

Line crossing detection

Intrusion detection

Region entrance detection

Region exit detection

VCA Rules

Target Detection

4 channels

Human

Vehicle

Others

Target Classification

4 channels

Alarm

10+

Human

Vehicle

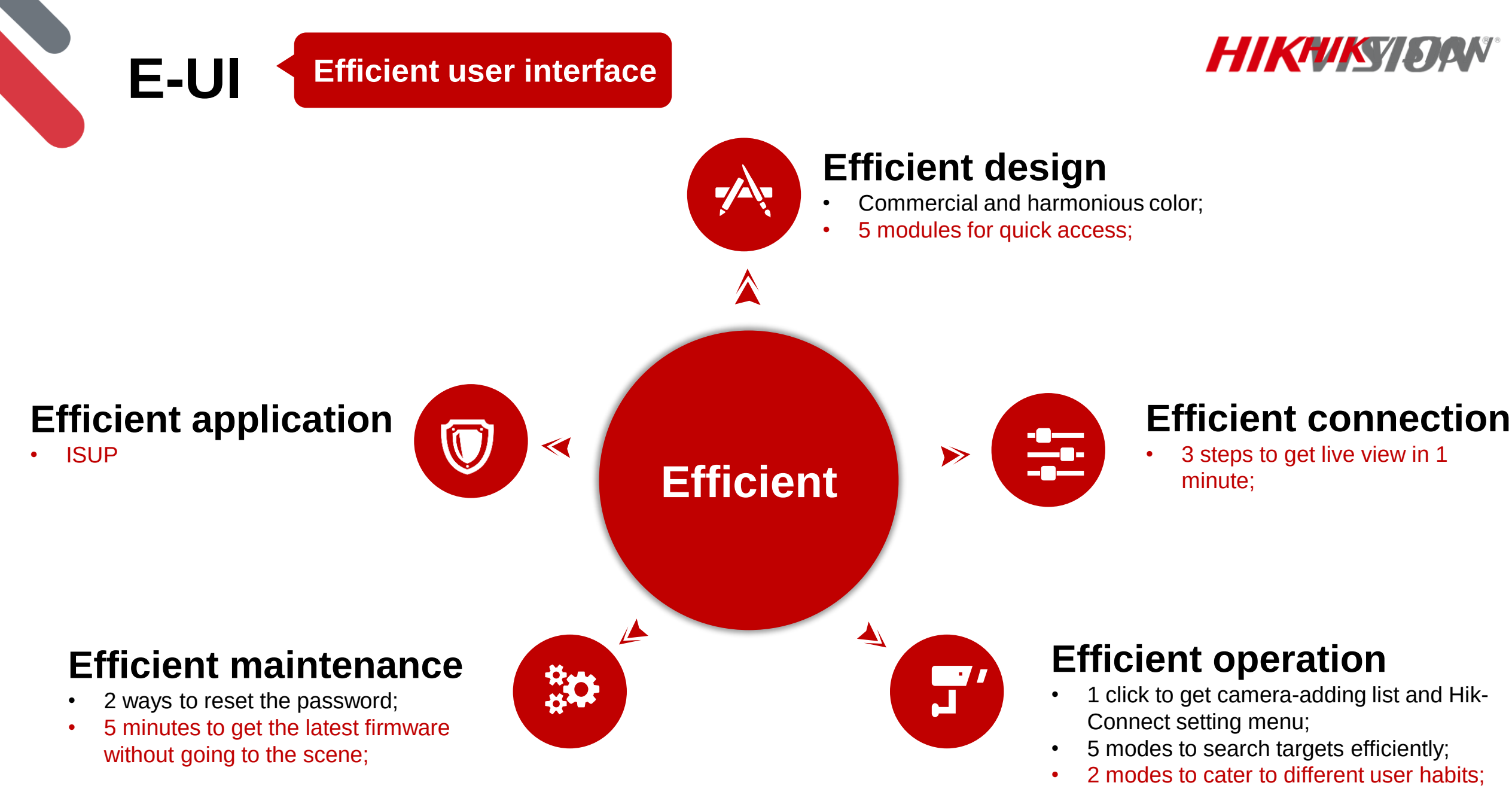
Reduced

100+

Others

E-UI

Efficient user interface



Efficient design

- Commercial and harmonious color;
- 5 modules for quick access;

Efficient application

- ISUP

Efficient connection

- 3 steps to get live view in 1 minute;

Efficient maintenance

- 2 ways to reset the password;
- 5 minutes to get the latest firmware without going to the scene;

Efficient operation

- 1 click to get camera-adding list and Hik-Connect setting menu;
- 5 modes to search targets efficiently;
- 2 modes to cater to different user habits;

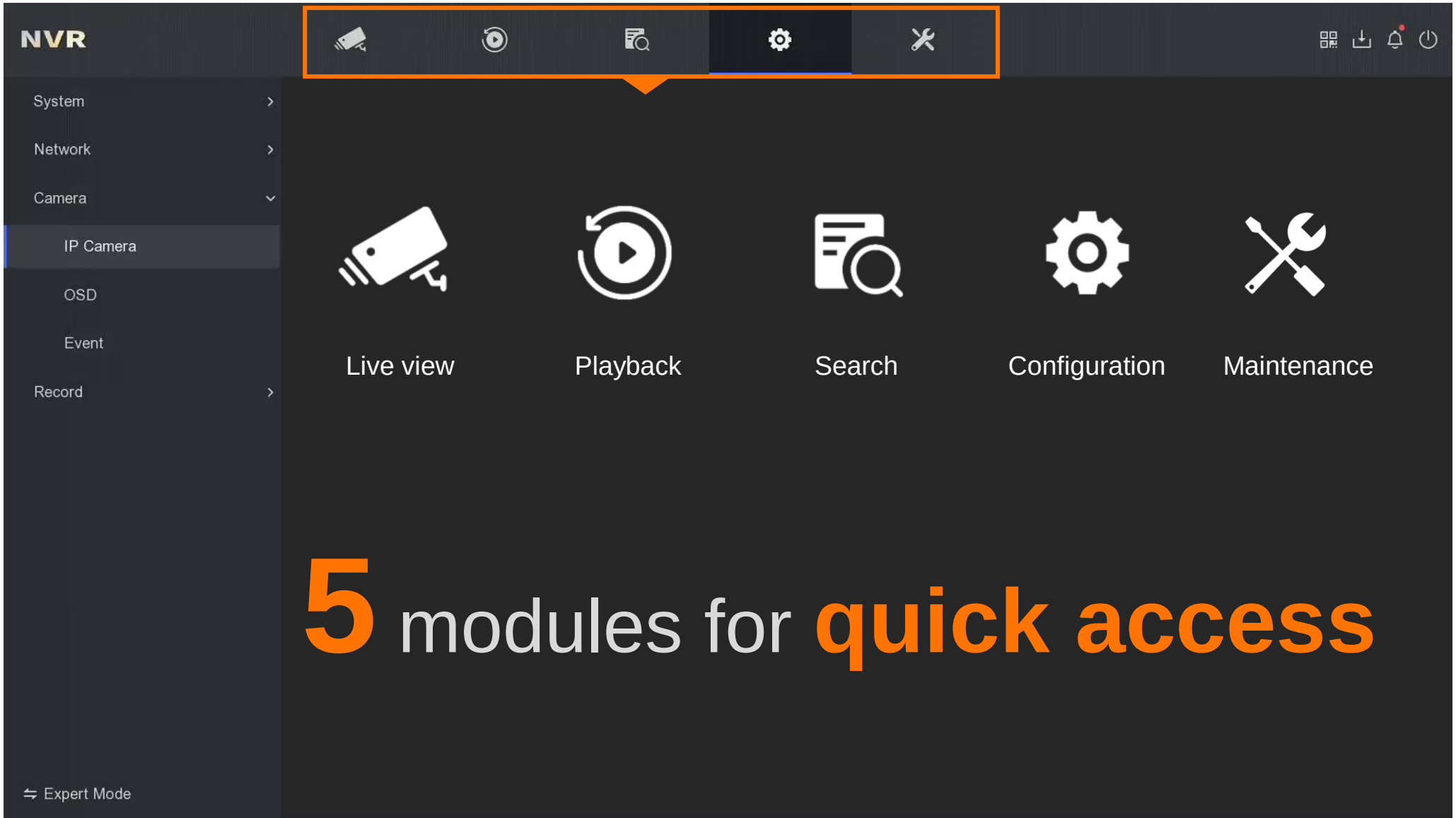
For more reference about E-, please go to the ftp path:

/00 Oversea Products/01 IP/00 Promotion Package/10 Promotion Package/02 NVR/

Efficient design

Modular design

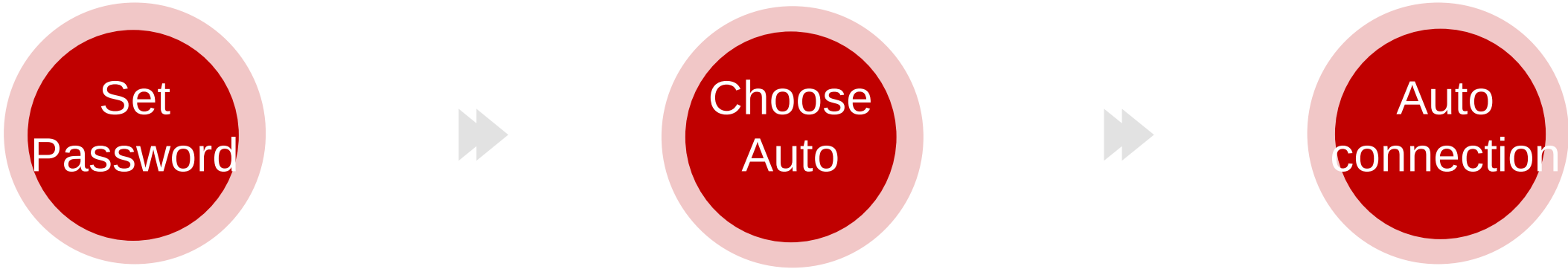
New interface, new experience



Efficient connection **Auto connection**

3 steps to get live view within 1 minute

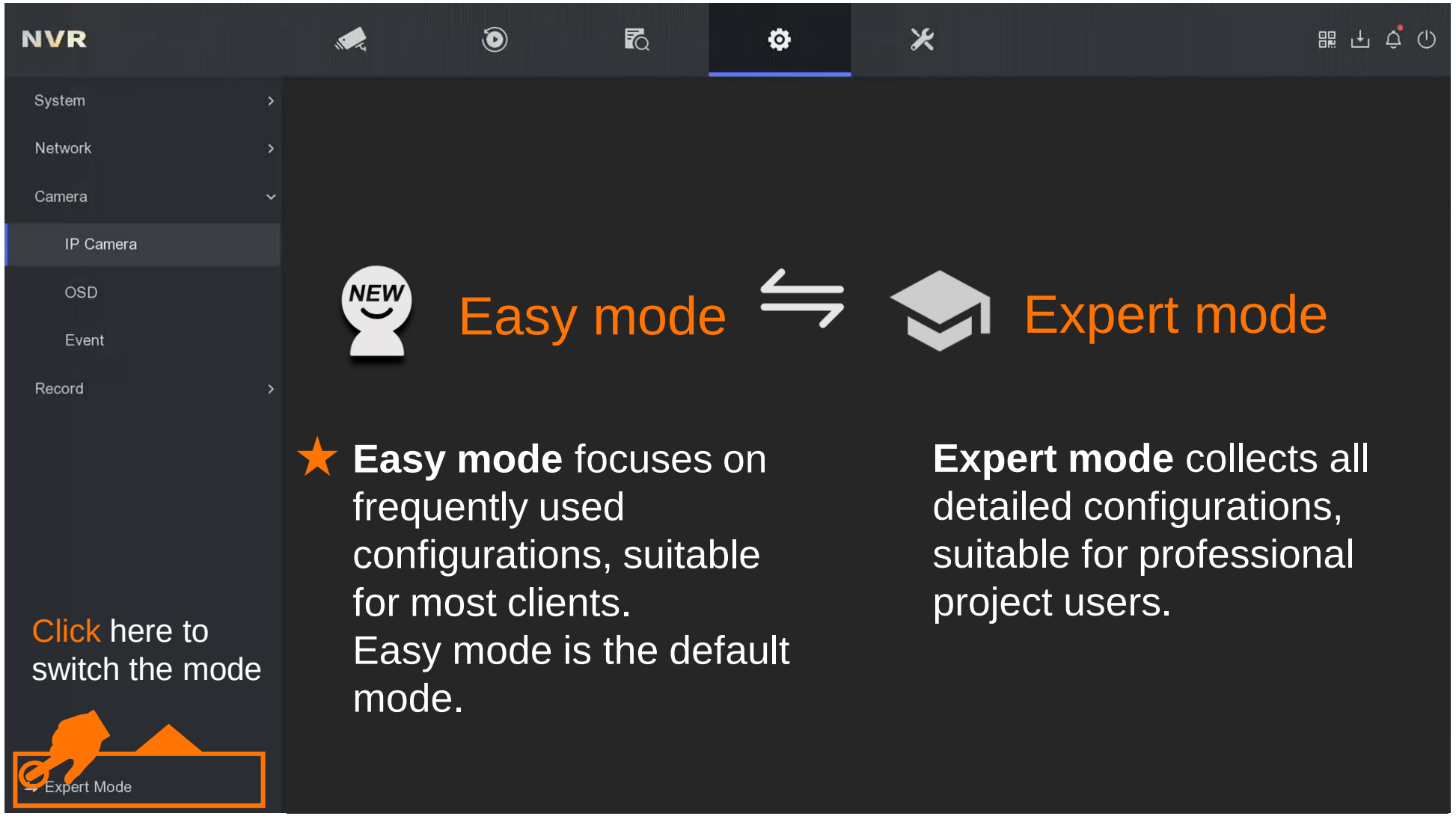
With the help of Auto connection,
installers will free from complex IP configuration during installation and can get the live view immediately.



1. Supported by non-PoE Q Series NVR;
2. Cameras to be connected should be inactive;
3. The NVR and Cameras should be in the same network segment;

Efficient operation **Two configuration modes**

2 different configuration modes cater to different user habits

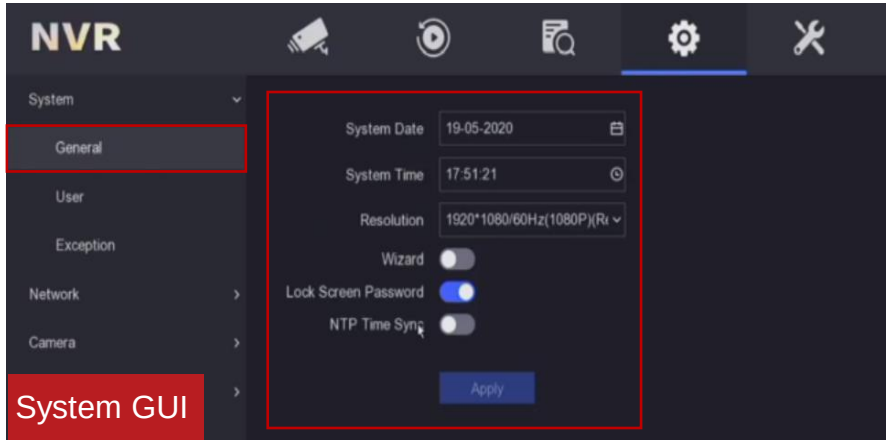


Efficient operation **Two configuration modes**

Easy mode makes configuration easier than ever

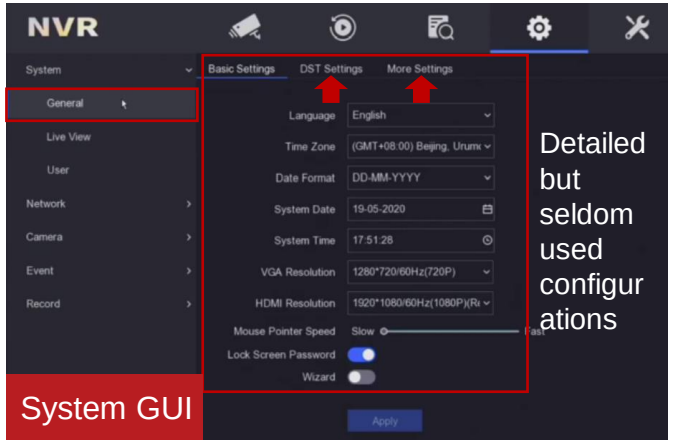
Easy mode

Focus on frequently used configurations

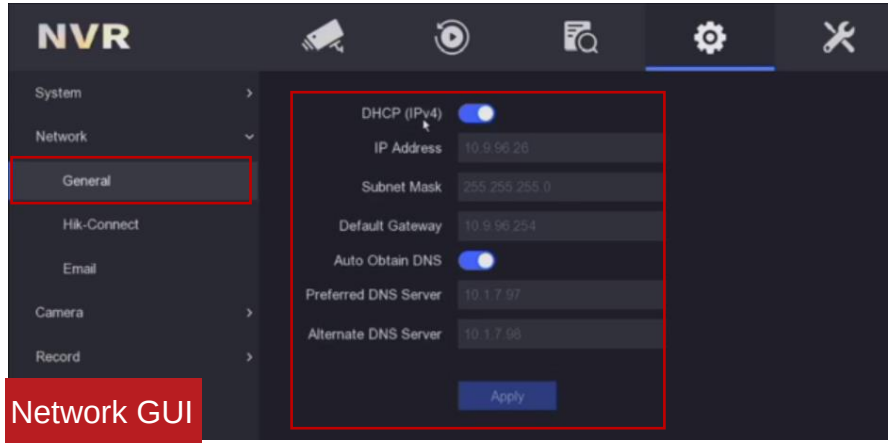


Expert mode

Collecting all details



Detailed but seldom used configurations



Efficient maintenance

Upgrade NVR through Hik-Connect

5 minutes to get the latest firmware without going to the scene

Before

Ask technology team to achieve the firmware

Go to the end users' home or scene to upgrade it

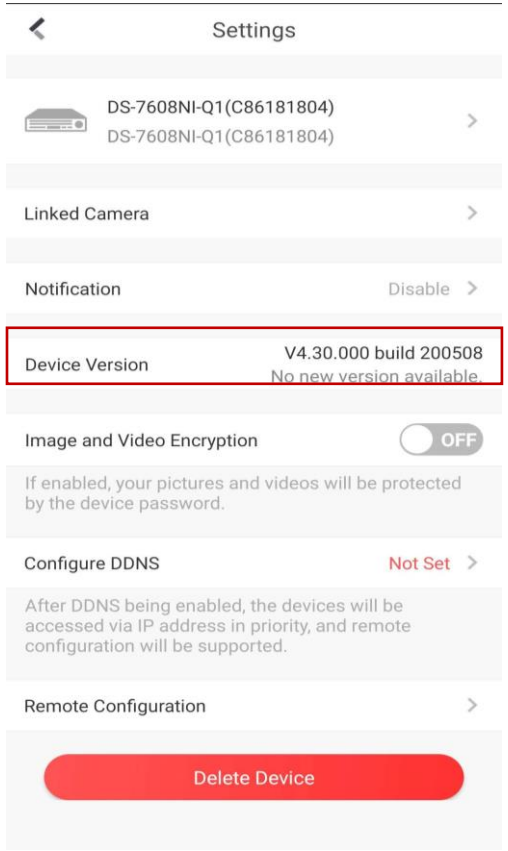
Time-consuming

Now

Bind the device to the Hik-Connect firstly.

Check and upgrade the version on the mobile phone

Efficient and convenient



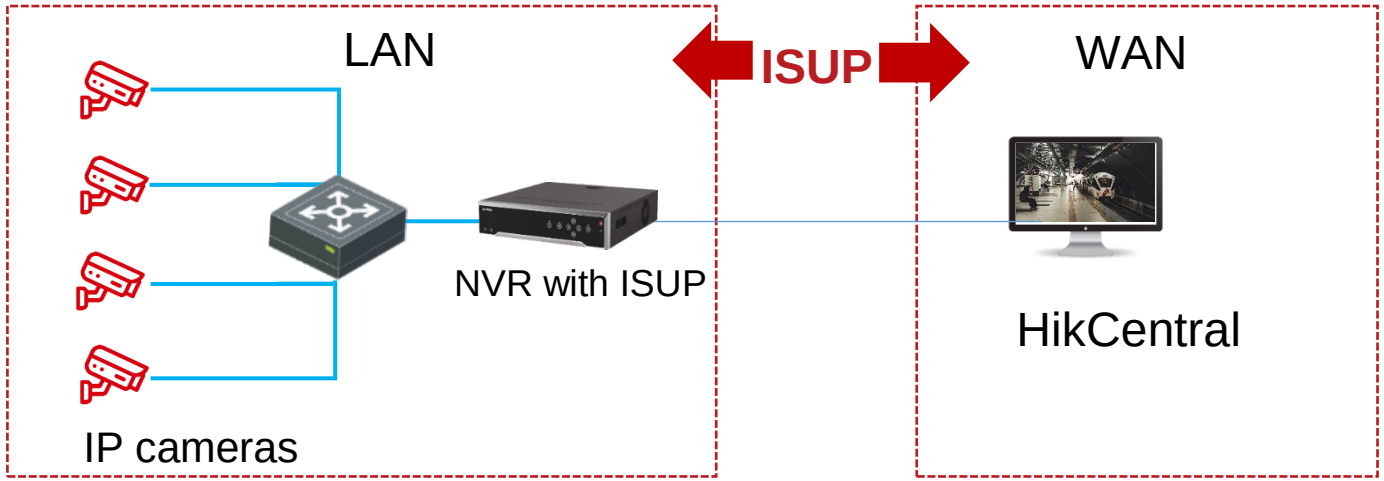
Efficient application

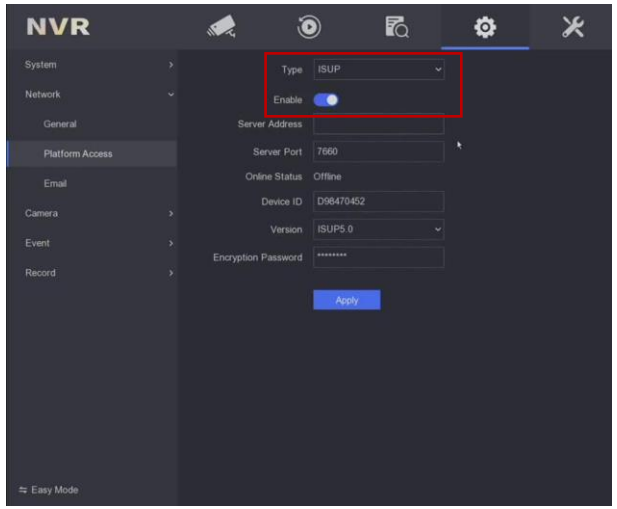
ISUP Protocol

Get more applications through platforms easily

ISUP is the “Intelligent security uplink protocol ”.

With this protocol, the device can connect to platform without complex network settings to realize live view, playback, two way audio and other functions remotely on computers.





Configuration – Network – Platform access - Type

Thanks

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