

# *HIKVISION EUROPE*

## Monthly External Technical Newsletter

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Jun 2019

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## H3, H3+M Platform IP Camera V5.6.0

The latest V5.6.0 firmware build 190428 for H3 platform 5/7series Camera has been released.

### Compatible Models

DS-2CD5XXX, DS-2CD7XXX



### New features

1. Newly support Ehome5.0.
2. Support LAN Domain Name Setting.
3. Newly release anti-corrosion models: DS-2CD7A26G0-IZ(H)SY(2.8-12mm), DS-2CD7A46G0-IZ(H)SY(2.8-12mm), which support RS-485 and audio
4. Newly add SFTP protocol, which supports Event-Triggered snapshot and Timing snapshot (minimum interval 1s). Anonymous is invalid for SFTP.
5. Support set 8 regions of Privacy Mask only in web. 4 regions is supported if with SDK protocol
6. Support Live View Quick Setup: It allows quick setup of image/video related parameters on live view page
7. Support reset the password via E-mail. The illegal login attempt includes the times of password recovery.

### Optimization

1. Optimize WEB Local service, non-plugin preview and plug-in preview.
2. Optimize the algorithm of Smart Event and reduce the false alarm.
3. Optimize the algorithm of Queue Detection. All 7-line IPCs support queue detection function. It supports display the algorithm version information.
4. Optimize the report of Queuing Detection and Queue Management
5. Optimize the Face Capture function. It newly adds the Capture/Record button for fast configuration.

For more details please refer to the release note.

### Location

You can find the firmware and release note on Portal:

DS-2CD5XXX:

[http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/00%20%20Product%20Firmware/H3%20platform%285xxx%2C7xxx%2C6924%2C6DX4%2C8426%29/DS-2CD5XXX/V5.6.0\\_Build190428%20%28Released%29](http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/00%20%20Product%20Firmware/H3%20platform%285xxx%2C7xxx%2C6924%2C6DX4%2C8426%29/DS-2CD5XXX/V5.6.0_Build190428%20%28Released%29)

DS-2CD7XXX:

[http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/00%20%20Product%20Firmware/H3%20platform%285xxx%2C7xxx%2C6924%2C6DX4%2C8426%29/DS-2CD7XXX/V5.6.0\\_Build190428%20%28Released%29](http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/00%20%20Product%20Firmware/H3%20platform%285xxx%2C7xxx%2C6924%2C6DX4%2C8426%29/DS-2CD7XXX/V5.6.0_Build190428%20%28Released%29)

## G1, G1+M Platform IP Camera V5.6.0

The latest V5.6.0 firmware build 190507 for G1/G1+M Platform IP Camera has been released.

### Compatible Models

DS-2CD2XXX, DS-2CD3XXX, DS-2XM67XX Series



### New Features

1. Newly support Ehome5.0
2. Newly add Arming Schedule for Flashing Alarm Light and Audible Alarm output, default Schedule is 7x24 hours.
3. Optimize WEB Local service, no plug-in preview and plug-in preview.
4. 3 series newly add 2MP&4MP Auto-iris model.
5. It supports display the Width and Height pixel of the selected area when previewing with main stream.
6. It supports reset the password via E-mail. The illegal login attempt includes the times of password recovery.
7. Newly release built-in microphone models. (23X3G0-IU X=2,4,6,8)
8. Newly release DS-2CD33X5G0-I(B) (X=2,4)

For more details please refer to the release note.

### Location

You can find the firmware and release note on Portal:

G1 Platform:

[http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/00%20%20Product%20Firmware/G1%20platform%20%28H.265%20DS-2CD2XX5%2C2XX3%2C3XX3%2C3XX5%2CXM67X6%29/2XX5%202XX3%203XX5%203XX3%20XM67X6%28non-Fisheye%29%20Multilanguage/V5.6.0\\_Build190507](http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/00%20%20Product%20Firmware/G1%20platform%20%28H.265%20DS-2CD2XX5%2C2XX3%2C3XX3%2C3XX5%2CXM67X6%29/2XX5%202XX3%203XX5%203XX3%20XM67X6%28non-Fisheye%29%20Multilanguage/V5.6.0_Build190507)

G1+M Platform:

[http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/00%20%20Product%20Firmware/G1%2BM%20platform%20%282XX6%29/V5.6.0\\_Build190507](http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/00%20%20Product%20Firmware/G1%2BM%20platform%20%282XX6%29/V5.6.0_Build190507)

## E3 Platform IP Camera V5.5.93

The latest V5.5.93 firmware build 190528 for E3 Platform IP Camera has been released.

### Compatible Models

DS-2CD2XX1, 2XX7, 1XX3, 3XX3 series IPC



### New Features

1. E3 platform new release 3 series products, newly support HLC. Third Stream resolution: VGA, 640\*360, QVGA;

### Fixed Features

1. Fixed the bitrate issue under smart video encoding.
2. Fixed the issue that Average bitrate will be changed to half of max bitrate after rebooting device under H.265+/H.264+.
3. Fixed the issue that there is no image on live view after switching stream type when selected 1X aspect ratio.
4. [Hik-connect] Fixed the issue that there is low probability reached maximum playback channels

For more details please refer to the release note.

### Location

You can find the firmware and release note on Portal:

[http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/00%20%20Product%20Firmware/E3%20platform%28X23G0-IW2%20Wi-Fi%2C1X23G0%2C2X21G0%2C2X27G3E%29/V5.5.93\\_Build190528](http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/00%20%20Product%20Firmware/E3%20platform%28X23G0-IW2%20Wi-Fi%2C1X23G0%2C2X21G0%2C2X27G3E%29/V5.5.93_Build190528)

## H3+M Platform Fisheye Camera V5.5.73

The latest V5.5.73 firmware build 190520 for H3+M Platform Fisheye Camera has been released.

### Compatible Models

DS-2CD63X5G0, DS-2XM63X5 series fisheye camera



### New Features

1. Newly add 4PTZ Fusion display mode under Hardware decoding mode.
2. Newly add Cylinder display mode under Software decoding when adopting Ceiling mount and Table mount
3. Support send report of Heat Map, Intersection Analysis and People counting via email
4. Newly support People Counting function
5. Newly support draw shield region for Heat Map, up to 4 regions
6. Speaker is disabled by default and it is necessary to enable two-way audio firstly

For more details please refer to the release note.

### Location

You can find the firmware and release note on Portal:

[http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/00%20%20Product%20Firmware/H3%2BM%20platform%20%286425G0%27F%2C63X5%29/DS-2CD63X5/V5.5.73\\_Build190520](http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/00%20%20Product%20Firmware/H3%2BM%20platform%20%286425G0%27F%2C63X5%29/DS-2CD63X5/V5.5.73_Build190520)

## Thermal Network PTZ Camera V5.5.12

The latest V5.5.12 firmware build 190315 for Thermal Network PTZ has been released.

### Compatible Models

DS-2TD4XXX/V2, DS-2TD6XXX/V2, DS-2TD8XXX/V2

### New Features

1. Newly add Target Marking Color, target box color of human is orange, target box color of vehicle is purple. Other target box color is green.
2. Newly add Tilt-angle settings. The range is from (-5 - 90) Degree to (-20 - 90) Degree.
3. Newly add Filtering Time, it will reduce the false temperature exception alarm caused by moving high temperature target such as engine of car appear in detection area.
4. Support fire source shield region up to 200 areas, each scene support no more than 50 areas.
5. Support display the target box when the specific target being tracked.

For more details please refer to the release note.

### Location

You can find the firmware and release note on Portal:

8XXXV2

<http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/09%20%20Thermal/01%20Product%20Firmware/8XXXV2/5.5.12>

6XXXV2

<http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/09%20%20Thermal/01%20Product%20Firmware/6XXXV2/5.5.12>

4XXXV2

<http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/09%20%20Thermal/01%20Product%20Firmware/4XXXV2/5.5.12>



## Hik-Connect V3.8.0 (Android & iOS)

The latest Hik-Connect version V3.8.0 for Android and iOS has already been released

### New Features

1. Support for the upcoming release of Axiom Hub V1.0.4:
  - a) Wireless peripheral devices support signal strength display
  - b) Support relay and zone association in the configuration output module;
  - c) Card type supports setting operation card or patrol card;
  - d) Support to modify the system volume of the Hub, setting range 0-10;
  - e) Support wireless keyboard and wireless card reader;
  - f) Timeout for adding cards and remotes is extended to 20 seconds
2. Supports silencing the alarm notifications sent by the shared devices. And the user can check the alarm notifications in the Notification page of the Mobile Client.
3. Supports EZVIZ doorbell (DB1)
4. Support controlling wiper (used to remove water) on the camera.

### Optimization

1. Supports selecting area codes when searching users by phone number
2. Supports entering the Details page of a notification directly after tapping the notification on the locked screen or in the Notification Center of the phone (or tablet)

For more details please refer to the Released Notes

### Location

You can download the new Hik-Connect version on Google Play and App Store.



Hik-Connect

## I-series NVR V4.21.005

The latest V4.21.005 firmware build 190509 for I-series NVR has been released.

### Compatible Models

DS-9600NI-I16, DS-9600NI-I8

DS-7700NI-I4(/P), DS-7732NI-I4/24P

DS-7700NI-I4(B)(/P), DS-7600NI-I2(/P)



### New Features

1. Support smooth streaming function, support up to 4 channels
2. Support the access of Hikvision Access Control & Video intercom devices.
3. Support the access of HIKVISION alarm devices and third party alarm (GJD, OPTEX and Luminite) devices.
4. Support configuration of IP, MAC Address Black-and-White list on Local GUI and Web.
5. Support Double Verification on local GUI playback, video export, remote video playback /download on web or IVMS4200.
6. Support Two-way Audio function between NVR channels and Hik-Connect.
7. Support Thermal camera alarm image upload to Hik-Connect.
8. Support configure alarm input to combination alarm with other alarm types
9. Support for switching display menu of main and auxiliary output.

### Optimized Features

1. Optimize DS-1005KI keyboard access, including control of patrol, target detection bar and real-time playback
2. Optimize Thermal camera access. support VCA behavior analysis configuration on NVR and Temperature Measurement, Fire Source Detection and VCA alarm info.
3. All models of I series including POE and non-POE NVR, can enable virtual host function, and generate connecting links.
4. Vehicle Detect black/white/other list support PTZ linkage
5. Optimize Onvif access, support multi-channel camera access.

For more details please refer to the release note.

### Location

You can find the firmware and release note on Portal:

<http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/02%20%20NVR/00%20%20Product%20Firmware/04%20I-series/%5B76%2077%2096%20NI-I%5D/V4.21.005%20build190509>

**Product Change**

**DS-CD29X5,39X5 IP Camera**

Reason of Change

Modify Power Consumption and Current

Description of Change

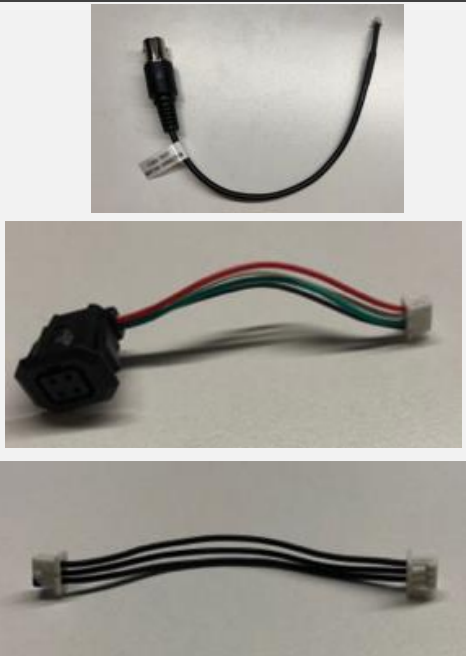
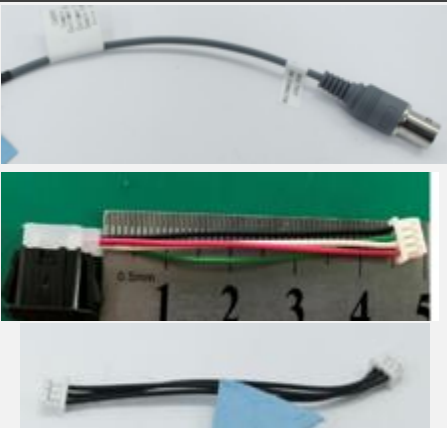
Change Before	Change After
2935: DC12V: 0.4A, Max:6.5W PoE: (802.3af, 36V-57V), 0.2 A to 0.1 A, Max:6.5W 3935: DC12V: 0.4A, Max:6.4W PoE: (802.3af, 36V-57V), 0.2 A to 0.1 A, Max:6.4W 2955、3955: DC12V: 0.5A, Max:7.5W PoE: (802.3af, 36V-57V), 0.2 A to 0.1 A, Max:7.5W	2935、3935: DC12V: 0.4A, Max:5W PoE: (802.3af, 36V-57V), 0.2 A to 0.1 A, Max:6.5W 2955、3955: DC12V: 0.5A, Max:6W PoE: (802.3af, 36V-57V), 0.2 A to 0.1 A, Max:7.5W

**DS-2CD50XX,70XX IP Camera**

Reason of Change

Optimize the cable material

Description of Change

Change Before	Change After
	




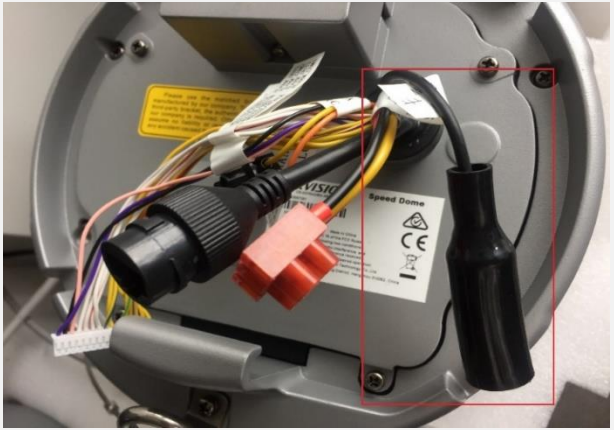
Product Change

DS-2DF8AXXX PTZ Camera

Reason of Change

The BNC cable interface is added.

Description of Change

Change Before	Change After
<p>Product without BNC cable:</p> 	<p>BNC cable added:</p> 

DS-2CE72/12/10DFT Analog Camera

Reason of Change

2MP full color camera upgrade change

Description of Change

Change Before	Change After
<ol style="list-style-type: none"> <li>White light defaults to OFF</li> <li>The image has only standard mode, no image mode option in the menu</li> </ol> 	<ol style="list-style-type: none"> <li>White light defaults to AUTO</li> <li>Image has a gorgeous mode selection, the default is standard mode</li> </ol>   

**DS-2CD2XXX,3XXX IP Camera**

*Reason of Change*

Optimize the waterproof cap for easy installation

*Description of Change*

Change Before	Change After
 <p>A clear plastic bag containing three white plastic components: a large cylindrical cap with a ribbed top, a smaller cylindrical cap, and a small circular ring.</p>	 <p>A clear plastic bag containing three white plastic components, similar to the previous image but with a different design for the main cap.</p>
 <p>A clear plastic bag containing three black plastic components: a large cylindrical cap with a ribbed top, a smaller cylindrical cap, and a small circular ring.</p>	 <p>A clear plastic bag containing three black plastic components, similar to the previous image but with a different design for the main cap.</p>

### DOC Documents on Portal

Type	Order Name	File Name	Download Link	
Analog	DS-2CE16D0T-ITF	DOC20190510 DS-2CE16D0T-ITF	<a href="http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/04%20%20HD-">http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/04%20%20HD-</a>	
Analog	DS-2CE16D0T-ITFS	DOC20190510 DS-2CE16D0T-ITFS	<a href="http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/04%20%20HD-TVI%20Camera/02%20%20Product%20Certifications/DOT/DOC">TVI%20Camera/02%20%20Product%20Certifications/DOT/DOC</a>	
Analog	DS-2CE76D0T-ITMFS	DOC20190510 DS-2CE76D0T-ITMFS、DS-2CE78D0T-IT3FS	<a href="http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/03%20%20Product%20Certifications/DS-2CD1xxx/DOC">http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/03%20%20Product%20Certifications/DS-2CD1xxx/DOC</a>	
Analog	DS-2CE78D0T-IT3FS			
IPC	DS-2CD1623G1-IZS	DOC20181108 DS-2CD1623G1-IZS	<a href="http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/03%20%20Product%20Certifications/DS-2CD1xxx/DOC">http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/03%20%20Product%20Certifications/DS-2CD1xxx/DOC</a>	
IPC	DS-2CD1623G1-IS			
IPC	DS-2CD1623G1-IZ			
IPC	DS-2CD1623G1-I			
IPC	DS-2CD1723G1-IZS	DOC20181108 DS-2CD1723G1-IZS		
IPC	DS-2CD1723G1-IZ			
IPC	DS-2CD1723G1-IS			
IPC	DS-2CD1723G1-I			
IPC	DS-2CD1021-I(E)	DOC20190104 DS-2CD1021-I(E)		<a href="http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/03%20%20Product%20Certifications/DS-2CD1xxx/DOC">http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/00%20%20Network%20Camera/03%20%20Product%20Certifications/DS-2CD1xxx/DOC</a>
IPC	DS-2CD1023G0E-I	DOC20190104 DS-2CD1023G0E-I		
IPC	DS-2CD1121-I(E)	DOC20190104 DS-2CD1121-I(E)		
IPC	DS-2CD1123G0E-I	DOC20190104 DS-2CD1123G0E-I		
IPC	DS-2CD1321-I(E)	DOC20190104 DS-2CD1321-I(E)		
IPC	DS-2CD1323G0E-I	DOC20190104 DS-2CD1323G0E-I		
IPC	DS-2CD2343G0-IU	DOC20190426 DS-2CD2343G0-IU		
IPC	DS-2CD2323G0-IU			
IPC	DS-2CD2383G0-IU		DOC20190426 DS-2CD2383G0-IU	
PTZ camera	DS-2DE4215W-DE3(B)	DOC DS-2DE4215W-DE3(B)	<a href="http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/01%20%20PTZ%20Camera/03%20%20Product%20Certifications/DS-2DE4xxx/DOC">http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/01%20%20PTZ%20Camera/03%20%20Product%20Certifications/DS-2DE4xxx/DOC</a>	
PTZ camera	DS-2DE5330W-AE(B)	DOC DS-2DE5330W-AE(B)	<a href="http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/01%20%20PTZ%20Camera/03%20%20Product%20Certifications/DS-2DE5xxx/DOC">http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/01%20%20PTZ%20Camera/03%20%20Product%20Certifications/DS-2DE5xxx/DOC</a>	
PTZ camera	DS-2DE7225IW-AE(B)	DOC DS-2DE7225IW-AE(B), DS-2DE7232IW-AE(B)	<a href="http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/01%20%20PTZ%20Camera/03%20%20Product%20Certifications/DS-2DE7xxx/DOC">http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/01%20%20PTZ%20Camera/03%20%20Product%20Certifications/DS-2DE7xxx/DOC</a>	
PTZ camera	DS-2DE7232IW-AE(B)			

### DOC Documents on Portal

Type	Order Name	File Name	Download Link
Video Intercom	DS-KD-IN	Card reader module CE-EMC DOC DS-KD-IN DS-KD-KP	<a href="http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/07%20%20Video%20Intercom/02%20%20Product%20Certifications/DOC/Door%20Station/DS-KD8003-IME1">http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/07%20%20Video%20Intercom/02%20%20Product%20Certifications/DOC/Door%20Station/DS-KD8003-IME1</a>
Video Intercom	DS-KD-KP		
Video Intercom	DS-KD-M	Card reader module CE-EMC RoHS DOC DS-KD-M	
Video Intercom	DS-KD-E		
Video Intercom	DS-KD-ACW1	Main Unit CE-RoHS DOC DS-KD-ACW1	
Video Intercom	DS-KD-ACW2		
Video Intercom	DS-KD-ACW3		
Video Intercom	DS-KD-ACF1		
Video Intercom	DS-KD-ACF2		
Video Intercom	DS-KD-ACF3		
Video Intercom->Indoor station	DS-KH6320-WTE1(Europe BV)	DOC for DS-KH6320-WTE1	<a href="http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/07%20%20Video%20Intercom/02%20%20Product%20Certifications/DOC/Indoor%20Station">http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/07%20%20Video%20Intercom/02%20%20Product%20Certifications/DOC/Indoor%20Station</a>
	DS-KH6320-TE1(Europe BV)	DOC for DS-KH6320-TE1	
	DS-KH8350-WTE1(Europe BV)	DOC for DS-KH8350-WTE1	
	DS-KH8350-TE1(Europe BV)	DOC for DS-KH8350-TE1	
	DS-KH8520-WTE1(Europe BV)	DOC for DS-KH8520-WTE1	
Video Intercom->Two-wire product	DS-KAD706	DOC for DS-KAD706	<a href="http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/07%20%20Video%20Intercom/02%20%20Product%20Certifications/DOC/2%20Wire%20Product">http://www.hikvisioneurope.com/portal/?dir=portal/Technical%20Materials/07%20%20Video%20Intercom/02%20%20Product%20Certifications/DOC/2%20Wire%20Product</a>
	DS-KAD706-S	DOC for DS-KAD706-S	
	DS-KH6320-WTE2	DOC for DS-KH6320-WTE2	
	DS-KD8003-IME2	DOC for DS-KD8003-IME2	