

G7_5.8.2 Release Note (2023-08-09)

Firmware Basic Information	Firmware Version: V5.8.2 build230802
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Features

- **Improved functionality**

New features

1. Update the web5.0 UI page;
2. The outdoor model supports the heating function of the motherboard, ensuring that it can start at low temperatures in an environment of -40°C , and is automatically controlled by a microcontroller;
3. The supervision fund supports physical covering function; Control the motor to physically block the lens through a microcontroller; Motor control and fill light activation are mutually exclusive (while controlling high power consumption);
4. Supports 4 mic inputs and individual audio encoding and decoding chips;
5. Support flash alarm function; (Supported by the supervision fund, one of the fill lights is used as a flash, controlled through IO);
6. Fisheye Unfolding Method: Supports all hard unraveling expansion methods of the original H3 (Fisheye, 180° Panorama, Panorama, 4PTZ, 3PTZ+FishEye, 4PTZ fusion), with new support for dual 180° image expansion, each occupying one channel. Currently, after 180° expansion, there are two 180° split images in one channel; Support the configuration of segmentation angles;
7. Intelligent function: supports smart event, people management (regional attention, heat map), and people counting; Only one app can be enabled at the same time, and the default is people

management;

8. Support HEOP architecture;

9. Support SIP protocol;

● **Modification function**

1. Compared to the H3 platform fisheye product, the black edge in the original image mode is smaller

Customer Impact and Recommended Action

This update refers to function/compatibility improvement and will take effect automatically after the Date of Change. We are very sorry for any inconvenience of use-habit changes caused by this action.

For any questions and request for this firmware, please contact our local technical support team.

Remarks:

- Hikvision reserves the right to change, alter or withdraw the above notification without prior notice.
- Product design and specifications are subject to change without prior notice.
- The Hikvision firmware may contain errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.
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Supported models	
Product series	Product models
IPC 6 Series	DS-2CD6365G0-IVS(2mm)(D)(O-NEU)
IPC 6 Series	DS-2CD63C5G1-IVS(1.29mm)(O-NEU)
IPC 6 Series	DS-2CD63C5G0-IVS(1.29mm)(D)(O-NEU)
IPC 6 Series	DS-2CD6W65G1-IVS(1.16mm)(O-STD)(prototype)
IPC 6 Series	DS-2CD6365G1-IVS(1.16mm)(O-NEU)
IPC 6 Series	DS-2CD63C5G1-S/RC(1.29mm)(O-NEU)
IPC 6 Series	DS-2CD6365G1-S/RC(1.16mm)(O-NEU)
IPC 6 Series	DS-2CD6365G0-IVS(2mm)(D)(O-STD)
IPC 6 Series	DS-2CD6365G1-IVS(1.16mm)(O-STD)
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