

## Network Camera-V5.7.10 Release Note-E9 (2023-01-05)

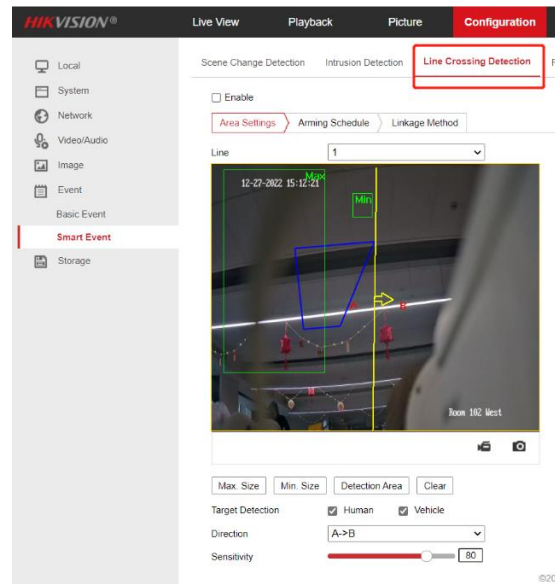
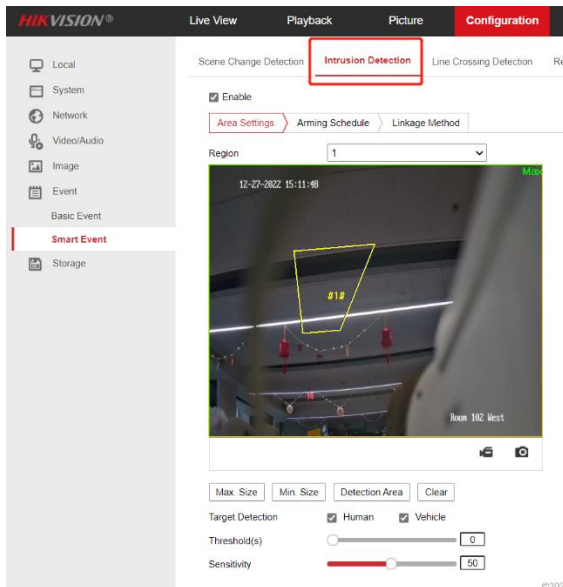
Firmware Basic Information

Firmware version:

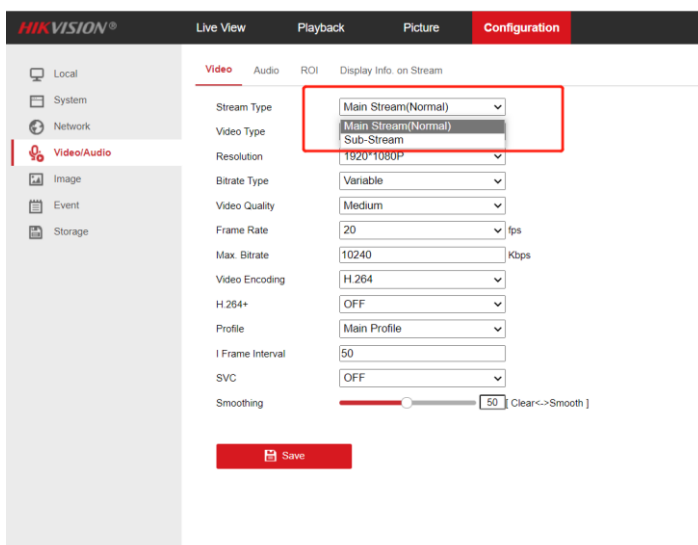
V5.7.10 build230105

### New Features

1. New fixed focus products: 3x21G2E series
  - 1) Support DWDR
  - 2) Support intrusion detection and line crossing detection

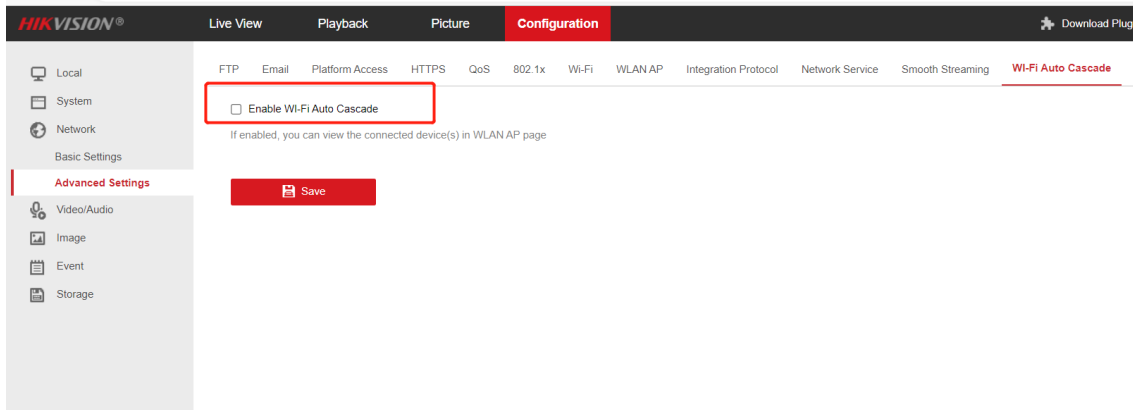


- 3) Not support third stream



2. New fixed focus products:1x21/1x31 and corresponding HiLook products
  - 1) Support DWDR

- 2) Not support Ezviz cloud, not support MJPEG encoding in sub stream, not support Hebrew OSD, please check the corresponding SPEC to get more information
3. New 2MP WI-FI fixed focus products
  - 1) Low bit rate mode is enabled by default
  - 2) Support 2-level cascade, NPQ, auto-matching, and associated mobile APP distribution



- 3) The WI-FI cameras can only be connected to HC by connecting the network cable
4. Full color support for motion mode, fixed iris support for anti-banding, RTCP switch, Smart264/265 on/off without rebooting

## Modify Function

Solve the problem that the WI-FI signal strength displayed on the Web is always lower compared with the real WI-FI signal strength of WI-FI cameras

## Note

## Customer Impact and Recommended Action

### 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.
- Hikvision is not liable for any typing or printing errors.

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| Supported Product List |                                   |
|------------------------|-----------------------------------|
| Product Category       | Model Number                      |
| IPC HiLook Series      | IPC-D120HA(4mm)(HiLook-STD)       |
| IPC 1 Series           | DS-2CD1T23G2-LIUF(6mm)(O-STD)     |
| IPC HiWatch Series     | HWI-B420HA-LU(4mm)(HiWatch-STD)   |
| IPC HiWatch Series     | HWI-D120HA(4mm)(HiWatch-STD)      |
| IPC HiLook Series      | IPC-B420HA-LU(4mm)(HiLook-STD)    |
| IPC HiWatch Series     | HWI-D120HA(2.8mm)(HiWatch-STD)    |
| IPC 1 Series           | DS-2CD1T23G2-LIU(4mm)(O-STD)      |
| IPC 1 Series           | DS-2CD1323G2-IUF(4mm)(O-STD)      |
| IPC HiLook Series      | IPC-B420HA-LU(6mm)(HiLook-STD)    |
| IPC 1 Series           | DS-2CD1323G2-IUF(2.8mm)(O-NEU)    |
| IPC 1 Series           | DS-2CD1323G2-IUF(2.8mm)(O-STD)    |
| IPC 1 Series           | DS-2CD1T23G2-LIU(6mm)(O-STD)      |
| IPC 1 Series           | DS-2CD1127G2-LUF(4mm)(O-STD)      |
| IPC 1 Series           | DS-2CD1127G2-LUF(2.8mm)(O-NEU)    |
| IPC 1 Series           | DS-2CD1127G2-LUF(2.8mm)(O-STD)    |
| IPC 1 Series           | DS-2CD1127G2-L(4mm)(O-NEU)        |
| IPC 1 Series           | DS-2CD1T23G2-LIUF(4mm)(O-STD)     |
| IPC 1 Series           | DS-2CD1127G2-LUF(4mm)(O-NEU)      |
| IPC 1 Series           | DS-2CD1123G2-IUF(2.8mm)(O-STD)    |
| IPC HiLook Series      | IPC-T220HA-LU(4mm)(HiLook-STD)    |
| IPC 1 Series           | DS-2CD1123G2-IUF(4mm)(O-NEU)      |
| IPC HiLook Series      | IPC-T220HA-LU(2.8mm)(HiLook-STD)  |
| IPC 1 Series           | DS-2CD1127G2-L(4mm)(O-STD)        |
| IPC HiWatch Series     | HWI-T220HA-LU(4mm)(HiWatch-STD)   |
| IPC 1 Series           | DS-2CD1127G2-L(2.8mm)(O-NEU)      |
| IPC HiWatch Series     | HWI-T220HA-LU(2.8mm)(HiWatch-STD) |
| IPC 1 Series           | DS-2CD1127G2-L(2.8mm)(O-STD)      |
| IPC HiLook Series      | IPC-D120HA(2.8mm)(HiLook-STD)     |
| IPC HiWatch Series     | HWI-B120HA(4mm)(HiWatch-STD)      |
| IPC HiWatch Series     | HWI-T229HA(4mm)(HiWatch-STD)      |
| IPC 1 Series           | DS-2CD1027G2-L(4mm)(O-STD)        |
| IPC 1 Series           | DS-2CD1027G2-L(2.8mm)(O-STD)      |
| IPC 1 Series           | DS-2CD1027G2-LUF(4mm)(O-STD)      |
| IPC 1 Series           | DS-2CD1027G2-LUF(2.8mm)(O-STD)    |
| IPC 1 Series           | DS-2CD1T23G2-L(6mm)(O-STD)        |
| IPC HiWatch Series     | HWI-T220HA(2.8mm)(HiWatch-STD)    |
| IPC 1 Series           | DS-2CD1T23G2-IUF(6mm)(O-STD)      |
| IPC 1 Series           | DS-2CD1T23G2-L(4mm)(O-STD)        |
| IPC 1 Series           | DS-2CD1T23G2-IUF(4mm)(O-STD)      |

|                     |                                                      |
|---------------------|------------------------------------------------------|
| IPC HiLook Series   | IPC-T220HA(4mm)(HiLook-STD)                          |
| IPC HiWatch Series  | HWI-T220HA(4mm)(HiWatch-STD)                         |
| IPC HiWatch Series  | HWI-B120HA-LD/W(2.8mm)(HiWatch-STD)/Special for suit |
| IPC 1 Series        | DS-2CD1327G2-LU(2.8mm)(India STD)                    |
| IPC HiWatch Series  | HWI-B120HA-LD/W(4mm)(HiWatch-STD)/Special for suit   |
| IPC 1 Series        | DS-2CD1327G2-LU(4mm)(India STD)                      |
| IPC HiWatch Series  | HWI-B120HA-LD/W(6mm)(HiWatch-STD)/Special for suit   |
| IPC HiLook Series   | IPC-T220HA(2.8mm)(HiLook-STD)                        |
| IPC 1 Series        | DS-2CD1323G2-IUF(4mm)(O-NEU)                         |
| IPC HiLook Series   | IPC-B120HA-LD/W(6mm)(HiLook-STD)/Special for suit    |
| IPC 1 Series        | DS-2CD1323G2-I(4mm)(O-NEU)                           |
| IPC 1 Series        | DS-2CD1323G2-I(4mm)(O-STD)                           |
| IPC HiLook Series   | IPC-B120HA-LD/W(2.8mm)(HiLook-STD)/Special for suit  |
| IPC HiLook Series   | IPC-B120HA-LD/W(4mm)(HiLook-STD)/Special for suit    |
| IPC HiLook Series   | IPC-D129HA(4mm)(HiLook-STD)                          |
| IPC Wireless Series | DS-2CV1023G2-LIDW(2.8mm)(O-STD)/Special for suit     |
| IPC HiLook Series   | IPC-D129HA(2.8mm)(HiLook-STD)                        |
| IPC Wireless Series | DS-2CV1023G2-LIDW(4mm)(O-STD)/Special for suit       |
| IPC Wireless Series | DS-2CV1023G2-LIDW(6mm)(O-STD)/Special for suit       |
| IPC HiWatch Series  | HWI-D129HA(4mm)(HiWatch-STD)                         |
| IPC 1 Series        | DS-2CD1323G2-I(2.8mm)(O-NEU)                         |
| IPC HiWatch Series  | HWI-D129HA(2.8mm)(HiWatch-STD)                       |
| IPC 1 Series        | DS-2CD1323G2-I(2.8mm)(O-STD)                         |
| IPC HiWatch Series  | HWI-B420HA-LU(6mm)(HiWatch-STD)                      |
| IPC HiWatch Series  | HWI-B429HA(4mm)(HiWatch-STD)                         |
| IPC HiLook Series   | IPC-B429HA(4mm)(HiLook-STD)                          |
| IPC 1 Series        | DS-2CD1T23G2-LIU(6mm)(O-NEU)                         |
| IPC HiLook Series   | IPC-B129HA(4mm)(HiLook-STD)                          |
| IPC 1 Series        | DS-2CD1327G2-LUF(2.8mm)(O-STD)                       |
| IPC HiLook Series   | IPC-B129HA(2.8mm)(HiLook-STD)                        |
| IPC 1 Series        | DS-2CD1T23G2-LIUF(6mm)(O-NEU)                        |
| IPC HiWatch Series  | HWI-B420HA(6mm)(HiWatch-STD)                         |
| IPC HiWatch Series  | HWI-B420HA(4mm)(HiWatch-STD)                         |
| IPC 1 Series        | DS-2CD1T27G2-L(4mm)(O-STD)                           |
| IPC 1 Series        | DS-2CD1T27G2-LUF(4mm)(O-STD)                         |
| IPC HiLook Series   | IPC-B420HA(6mm)(HiLook-STD)                          |
| IPC HiLook Series   | IPC-B420HA(4mm)(HiLook-STD)                          |
| IPC 1 Series        | DS-2CD1323G2-LIUF(4mm)(O-STD)                        |
| IPC 1 Series        | DS-2CD1323G2-LIUF(4mm)(O-NEU)                        |
| IPC 1 Series        | DS-2CD1323G2-LIUF(2.8mm)(O-STD)                      |
| IPC HiWatch Series  | HWI-B120HA(2.8mm)(HiWatch-STD)                       |
| IPC HiWatch Series  | HWI-T229HA(2.8mm)(HiWatch-STD)                       |
| IPC HiLook Series   | IPC-B120HA(4mm)(HiLook-STD)                          |
| IPC 1 Series        | DS-2CD1023G2-IUF(4mm)(O-STD)                         |
| IPC HiLook Series   | IPC-T229HA(4mm)(HiLook-STD)                          |

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|--------------------|-----------------------------------------------------|
| IPC HiLook Series  | IPC-B120HA(2.8mm)(HiLook-STD)                       |
| IPC HiLook Series  | IPC-T229HA(2.8mm)(HiLook-STD)                       |
| IPC 1 Series       | DS-2CD1023G2-I(4mm)(O-STD)                          |
| IPC 1 Series       | DS-2CD1023G2-I(2.8mm)(O-STD)                        |
| IPC 1 Series       | DS-2CD1327G2-L(4mm)(O-NEU)                          |
| IPC 1 Series       | DS-2CD1023G2-IUF(2.8mm)(O-STD)                      |
| IPC 1 Series       | DS-2CD1T27G2-LUF(6mm)(O-STD)                        |
| IPC 1 Series       | DS-2CD1327G2-LUF(4mm)(O-STD)                        |
| IPC 1 Series       | DS-2CD1327G2-LUF(2.8mm)(O-NEU)                      |
| IPC 1 Series       | DS-2CD1327G2-L(4mm)(O-STD)                          |
| IPC 1 Series       | DS-2CD1327G2-L(2.8mm)(O-NEU)                        |
| IPC HiWatch Series | HWI-B429HA(6mm)(HiWatch-STD)                        |
| IPC 1 Series       | DS-2CD1327G2-L(2.8mm)(O-STD)                        |
| IPC HiLook Series  | IPC-B429HA(6mm)(HiLook-STD)                         |
| IPC 1 Series       | DS-2CD1T27G2-L(6mm)(O-STD)                          |
| IPC 1 Series       | DS-2CD1327G2-LUF(4mm)(O-NEU)                        |
| IPC 1 Series       | DS-2CD1123G2-LIU(4mm)(O-STD)                        |
| IPC 1 Series       | DS-2CD1123G2-LIU(4mm)(O-NEU)                        |
| IPC 1 Series       | DS-2CD1123G2-LIUF(2.8mm)(O-STD)                     |
| IPC 1 Series       | DS-2CD1123G2-LIUF(2.8mm)(O-NEU)                     |
| IPC 1 Series       | DS-2CD1123G2-LIU(2.8mm)(O-STD)                      |
| IPC 1 Series       | DS-2CD1123G2-LIU(2.8mm)(O-NEU)                      |
| IPC 3 Series       | DS-2CD3021G2E-I(2.8mm)(O-STD)                       |
| IPC 1 Series       | DS-2CD1123G2-LIUF(4mm)(O-STD)                       |
| IPC 1 Series       | DS-2CD1123G2-LIUF(4mm)(O-NEU)                       |
| IPC 1 Series       | DS-2CD1023G2-LIU(2.8mm)(O-NEU)                      |
| IPC 1 Series       | DS-2CD1023G2-LIU(4mm)(O-NEU)                        |
| IPC 1 Series       | DS-2CD1023G2-IU(2.8mm)(TW YITE)                     |
| IPC 1 Series       | DS-2CD1023G2-LIUF(2.8mm)(O-NEU)                     |
| IPC 1 Series       | DS-2CD1T23G2-LIUF(4mm)(O-NEU)                       |
| IPC 1 Series       | DS-2CD1T23G2-LIU(4mm)(O-NEU)                        |
| IPC 1 Series       | DS-2CD1023G2-IU(4mm)(TW YITE)                       |
| IPC 1 Series       | DS-2CD1023G2-LIUF(4mm)(O-NEU)                       |
| IPC HiLook Series  | IPC-T230HA-UC(4mm)(HiLook-STD)                      |
| IPC 1 Series       | DS-2CD1123G2-IUF(2.8mm)(TW YITE)                    |
| IPC HiLook Series  | IPC-T230HA-LUC(2.8mm)(HiLook-STD)                   |
| IPC 1 Series       | DS-2CD1123G2-IUF(4mm)(TW YITE)                      |
| IPC HiLook Series  | IPC-T230HA-LUC(4mm)(HiLook-STD)                     |
| IPC HiLook Series  | IPC-D120HA-D/W(2.8mm)(HiLook-STD)/Special for suit  |
| IPC HiLook Series  | IPC-D120HA-D/W(4mm)(HiLook-STD)/Special for suit    |
| IPC HiWatch Series | HWI-D120HA-D/W(2.8mm)(HiWatch-STD)/Special for suit |
| IPC HiWatch Series | HWI-D120HA-D/W(4mm)(HiWatch-STD)/Special for suit   |
| IPC HiWatch Series | HWI-D120HA-LU(2.8mm)(HiWatch-STD)                   |
| IPC HiWatch Series | HWI-D120HA-LU(4mm)(HiWatch-STD)                     |
| IPC 3 Series       | DS-2CD3021G2E-I(4mm)(O-STD)                         |

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|---------------------|-------------------------------------------------|
| IPC HiLook Series   | IPC-D120HA-LU(2.8mm)(HiLook-STD)                |
| IPC Wireless Series | DS-2CV1123G2-IDW(4mm)(O-STD)/Special for suit   |
| IPC HiLook Series   | IPC-D120HA-LU(4mm)(HiLook-STD)                  |
| IPC Wireless Series | DS-2CV1123G2-IDW(2.8mm)(O-STD)/Special for suit |
| IPC 3 Series        | DS-2CD3321G2E-I(4mm)(O-STD)                     |
| IPC 1 Series        | DS-2CD1321G2-IU(2.8mm)(O-STD)                   |
| IPC HiLook Series   | IPC-B130HA-LUC(4mm)(HiLook-STD)                 |
| IPC 1 Series        | DS-2CD1023G2-LIUF(2.8mm)(O-STD)                 |
| IPC 1 Series        | DS-2CD1323G2-IUF(4mm)(TW YITE)                  |
| IPC HiLook Series   | IPC-B120HA-LUC(4mm)(HiLook-STD)                 |
| IPC 1 Series        | DS-2CD1023G2-LIUF(4mm)(O-STD)                   |
| IPC 1 Series        | DS-2CD1031G2-LIU(2.8mm)(O-STD)                  |
| IPC 1 Series        | DS-2CD1031G2-LIU(4mm)(O-STD)                    |
| IPC HiLook Series   | IPC-B130HA-LUC(2.8mm)(HiLook-STD)               |
| IPC 1 Series        | DS-2CD1023G2-LIU(2.8mm)(O-STD)                  |
| IPC 1 Series        | DS-2CD1021G2-LIU(4mm)(O-STD)                    |
| IPC 1 Series        | DS-2CD1023G2-LIU(4mm)(O-STD)                    |
| IPC 1 Series        | DS-2CD1323G2-IUF(2.8mm)(TW YITE)                |
| IPC HiLook Series   | IPC-B120HA-LUC(2.8mm)(HiLook-STD)               |
| IPC 3 Series        | DS-2CD3121G2E-I(2.8mm)(O-STD)                   |
| IPC 3 Series        | DS-2CD3121G2E-I(2.8mm)(O-NEU)                   |
| IPC 1 Series        | DS-2CD1021G2-LIU(2.8mm)(O-STD)                  |
| IPC 1 Series        | DS-2CD1031G2-IU(2.8mm)(O-STD)                   |
| IPC 1 Series        | DS-2CD1031G2-IU(4mm)(O-STD)                     |
| IPC HiLook Series   | IPC-B130HA-UC(2.8mm)(HiLook-STD)                |
| IPC HiLook Series   | IPC-B130HA-UC(4mm)(HiLook-STD)                  |
| IPC 3 Series        | DS-2CD3321G2E-I(2.8mm)(O-STD)                   |
| IPC 3 Series        | DS-2CD3321G2E-I(4mm)(O-NEU)                     |
| IPC HiLook Series   | IPC-B120HA-UC(2.8mm)(HiLook-STD)                |
| IPC HiLook Series   | IPC-B120HA-UC(4mm)(HiLook-STD)                  |
| IPC 3 Series        | DS-2CD3121G2E-I(4mm)(O-STD)                     |
| IPC 3 Series        | DS-2CD3121G2E-I(4mm)(O-NEU)                     |
| IPC 3 Series        | DS-2CD3321G2E-I(2.8mm)(O-NEU)                   |
| IPC 1 Series        | DS-2CD1123G2-I(2.8mm)(O-NEU)                    |
| IPC 1 Series        | DS-2CD1123G2-I(2.8mm)(O-STD)                    |
| IPC 1 Series        | DS-2CD1123G2-IUF(4mm)(O-STD)                    |
| IPC HiLook Series   | IPC-T220HA-LUC(2.8mm)(HiLook-STD)               |
| IPC 1 Series        | DS-2CD1123G2-IUF(2.8mm)(O-NEU)                  |
| IPC HiLook Series   | IPC-T220HA-LUC(4mm)(HiLook-STD)                 |
| IPC 1 Series        | DS-2CD1123G2-I(4mm)(O-NEU)                      |
| IPC HiLook Series   | IPC-T230HA-UC(2.8mm)(HiLook-STD)                |
| IPC 1 Series        | DS-2CD1123G2-I(4mm)(O-STD)                      |
| IPC 1 Series        | DS-2CD1331G2-LIU(4mm)(O-STD)                    |
| IPC 1 Series        | DS-2CD1331G2-LIU(4mm)(O-NEU)                    |
| IPC HiLook Series   | IPC-T220HA-UC(2.8mm)(HiLook-STD)                |

|                    |                                   |
|--------------------|-----------------------------------|
| IPC HiLook Series  | IPC-T220HA-UC(4mm)(HiLook-STD)    |
| IPC 1 Series       | DS-2CD1321G2-LIU(4mm)(O-NEU)      |
| IPC 1 Series       | DS-2CD1331G2-LIU(2.8mm)(O-STD)    |
| IPC 1 Series       | DS-2CD1331G2-LIU(2.8mm)(O-NEU)    |
| IPC HiLook Series  | IPC-B120HA-LU(2.8mm)(HiLook-STD)  |
| IPC HiWatch Series | HWI-B129HA(4mm)(HiWatch-STD)      |
| IPC HiWatch Series | HWI-B129HA(2.8mm)(HiWatch-STD)    |
| IPC 1 Series       | DS-2CD1323G2-LIU(2.8mm)(O-NEU)    |
| IPC 1 Series       | DS-2CD1323G2-LIUF(2.8mm)(O-NEU)   |
| IPC 1 Series       | DS-2CD1331G2-IU(4mm)(O-NEU)       |
| IPC 1 Series       | DS-2CD1323G2-LIU(4mm)(O-STD)      |
| IPC 1 Series       | DS-2CD1321G2-LIU(2.8mm)(O-STD)    |
| IPC 1 Series       | DS-2CD1323G2-LIU(4mm)(O-NEU)      |
| IPC 1 Series       | DS-2CD1321G2-LIU(2.8mm)(O-NEU)    |
| IPC 1 Series       | DS-2CD1323G2-LIU(2.8mm)(O-STD)    |
| IPC 1 Series       | DS-2CD1321G2-LIU(4mm)(O-STD)      |
| IPC HiWatch Series | HWI-B120HA-LU(4mm)(HiWatch-STD)   |
| IPC 1 Series       | DS-2CD1321G2-IU(4mm)(O-NEU)       |
| IPC 1 Series       | DS-2CD1331G2-IU(2.8mm)(O-STD)     |
| IPC 1 Series       | DS-2CD1331G2-IU(2.8mm)(O-NEU)     |
| IPC 1 Series       | DS-2CD1331G2-IU(4mm)(O-STD)       |
| IPC 1 Series       | DS-2CD1021G2-IU(2.8mm)(O-STD)     |
| IPC HiLook Series  | IPC-B120HA-LU(4mm)(HiLook-STD)    |
| IPC 1 Series       | DS-2CD1021G2-IU(4mm)(O-STD)       |
| IPC 1 Series       | DS-2CD1321G2-IU(2.8mm)(O-NEU)     |
| IPC HiWatch Series | HWI-B120HA-LU(2.8mm)(HiWatch-STD) |
| IPC 1 Series       | DS-2CD1321G2-IU(4mm)(O-STD)       |