

## IPC\_E8-V5.7.11\_SP Release Note (2022-07-15)

Firmware Basic Information	Firmware version:	V5.7.11 build220715
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### Features

#### 1. Modify function

- 1) Solve the problem of vertical line which may appear in wide dynamic
- 2) Fix the problem of Mipi speed mismatch caused by sensor
- 3) Fix the problem that only 2 languages are supported by IPCE model (introduced in V5.7.3) , currently 33 languages are supported.
- 4) Fix the problem that 2CV wifi camera does not support Hik-Connect issue (introduced in V5.7.3).

### 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.

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

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## Supported Product List

Product Category	Model Type	Platform Subtype
IPC Wireless Series	DS-2CV2021G2-IDW(2.8mm)(E)/EU	IPCE
IPC Wireless Series	DS-2CV2021G2-IDW(4mm)(E)/EU	IPCE
IPC Wireless Series	DS-2CV2041G2-IDW(2.8mm)(E)/EU	IPCE
IPC Wireless Series	DS-2CV2041G2-IDW(4mm)(E)/EU	IPCE
IPC Wireless Series	DS-2CV2121G2-IDW(2.8mm)(E)/EU	IPCE
IPC Wireless Series	DS-2CV2121G2-IDW(4mm)(E)/EU	IPCE
IPC Wireless Series	DS-2CV2141G2-IDW(2.8mm)(E)/EU	IPCE
IPC Wireless Series	DS-2CV2141G2-IDW(4mm)(E)/EU	IPCE
IPC 3 Series	DS-2CD3151G0-I(2.8mm)(C)	IPCE
IPC 3 Series	DS-2CD3151G0-I(4mm)(C)	IPCE
IPC 3 Series	DS-2CD3151G0-ISF(2.8mm)(C)	IPCE
IPC 3 Series	DS-2CD3151G0-ISF(4mm)(C)	IPCE
IPC 3 Series	DS-2CD3151G0-ISF(6mm)(C)	IPCE
IPC 3 Series	DS-2CD3751G0-IZS(2.7-13.5mm)(C)	IPCE
IPC 3 Series	DS-2CD3843G0-AP	IPCE
IPC 2 Series	DS-2CD2321G0-I/NF(4mm)(C)	IPCE
IPC 2 Series	DS-2CD2321G0-I/NF(2.8mm)(C)	IPCE
IPC 2 Series	DS-2CD2121G0-I(4mm)(C)	IPCE
IPC 2 Series	DS-2CD2121G0-I(2.8mm)(C)	IPCE
IPC 3 Series	DS-2CD3321G0-IUF(2.8mm)(C)	IPCE
IPC 2 Series	DS-2CD2021G1-I(4mm)(C)	IPCE

IPC 3 Series	DS-2CD3321G0-IUF(4mm)(C)	IPCE
IPC 2 Series	DS-2CD2021G1-I(2.8mm)(C)	IPCE
IPC 1 Series	DS-2CD1643G0-IZS(2.8-12mm)(C)	IPCE
IPC HiWatch Series	HWI-D620H-Z(2.8-12mm)(C)(HiWatch)	IPCE
IPC 1 Series	DS-2CD1623G0-IZS(2.8-12mm)(C)	IPCE
IPC 2 Series	DS-2CD2021G1-I(6mm)(C)	IPCE
IPC HiWatch Series	HWI-T641H-Z(2.8-12mm)(C)(HiWatch)	IPCE
IPC HiWatch Series	HWI-T621H-Z(2.8-12mm)(C)(HiWatch)	IPCE
IPC HiWatch Series	HWI-D640H-Z(2.8-12mm)(C)(HiWatch)	IPCE
IPC 1 Series	DS-2CD1723G0-IZS(2.8-12mm)(C)	IPCE
IPC 1 Series	DS-2CD1723G0-IZ(2.8-12mm)(C)	IPCE
IPC 1 Series	DS-2CD1743G0-IZS(2.8-12mm)(C)	IPCE
IPC 1 Series	DS-2CD1743G0-IZ(2.8-12mm)(C)	IPCE
IPC 1 Series	DS-2CD1H43G0-IZ(2.8-12mm)(C)	IPCE
IPC 1 Series	DS-2CD1H43G0-IZS(2.8-12mm)(C)	IPCE
IPC 1 Series	DS-2CD1H23G0-IZ(2.8-12mm)(C)	IPCE
IPC 1 Series	DS-2CD1H23G0-IZS(2.8-12mm)(C)	IPCE
IPC 2 Series	DS-2CD2621G0-IZS(2.8-12mm)(C)	IPCE
IPC 2 Series	DS-2CD2621G0-IZ(2.8-12mm)(C)	IPCE
IPC 3 Series	DS-2CD3721G0-IZS(2.7-13.5mm)(C)	IPCE
IPC HiWatch Series	HWI-B620H-Z(2.8-12mm)(C)(HiWatch)	IPCE
IPC HiWatch Series	HWI-B640H-Z(2.8-12mm)(C)(HiWatch)	IPCE
IPC 1 Series	DS-2CD1623G0-IZ(2.8-12mm)(C)	IPCE
IPC 1 Series	DS-2CD1643G0-IZ(2.8-12mm)(C)	IPCE
IPC 1 Series	DS-2CD1A23G0-IZU(2.8-12mm)	IPCE
IPC 2 Series	DS-2CD2721G0-IZS(2.8-12mm)(C)	IPCE
IPC 2 Series	DS-2CD2721G0-IZ(2.8-12mm)(C)	IPCE
IPC 2 Series	DS-2CD2121G0-IS(2.8mm)(C)	IPCE

IPC 2 Series	DS-2CD2121G0-I(6mm)(C)	IPCE
IPC 2 Series	DS-2CD2121G0-IS(6mm)(C)	IPCE
IPC 2 Series	DS-2CD2121G0-IS(4mm)(C)	IPCE
IPC 1 Series	DS-2CD1A43G0-IZU(2.8-12mm)	IPCE
IPC 2 Series	DS-2CD2441G0-I(4mm)(C)	IPCE
IPC 2 Series	DS-2CD2441G0-I(2.8mm)(C)	IPCE
IPC 2 Series	DS-2CD2441G0-I(2mm)(C)	IPCE
IPC 3 Series	DS-2CD3651G0-IZS(2.7-13.5mm)(C)	IPCE
IPC 1 Series	DS-2CD1H53G0-IZ(2.8-12mm)(C)	IPCE
IPC 1 Series	DS-2CD1H53G0-IZS(2.8-12mm)(C)	IPCE
IPC 2 Series	DS-2CD2421G0-I(4mm)(C)	IPCE
IPC 2 Series	DS-2CD2421G0-I(2.8mm)(C)	IPCE
IPC 2 Series	DS-2CD2421G0-I(2mm)(C)	IPCE
IPC 3 Series	DS-2CD3351G0-IUF(2.8mm)(C)	IPCE
IPC 3 Series	DS-2CD3351G0-IUF(4mm)(C)	IPCE
IPC 1 Series	DS-2CD1653G0-IZ(2.8-12mm)(C)	IPCE
IPC 1 Series	DS-2CD1653G0-IZS(2.8-12mm)(C)	IPCE
IPC 3 Series	DS-2CD3051G0-I(6mm)(C)	IPCE
IPC 3 Series	DS-2CD3021G0-IUF(2.8mm)(C)	IPCE
IPC 3 Series	DS-2CD3051G0-IUF(2.8mm)(C)	IPCE
IPC 3 Series	DS-2CD3021G0-IUF(4mm)(C)	IPCE
IPC 3 Series	DS-2CD3021G0-IUF(6mm)(C)	IPCE
IPC 3 Series	DS-2CD3021G0-I(2.8mm)(C)	IPCE
IPC 3 Series	DS-2CD3051G0-I(2.8mm)(C)	IPCE
IPC 3 Series	DS-2CD3021G0-I(4mm)(C)	IPCE
IPC 3 Series	DS-2CD3021G0-I(6mm)(C)	IPCE
IPC 3 Series	DS-2CD3051G0-I(4mm)(C)	IPCE
IPC 2 Series	DS-2CD2821G0(C)	IPCE

IPC 3 Series	DS-2CD3051G0-IUF(4mm)(C)	IPCE
IPC 3 Series	DS-2CD3051G0-IUF(6mm)(C)	IPCE
IPC 3 Series	DS-2CD3T21G0-IUF(4mm)(C)	IPCE
IPC 3 Series	DS-2CD3T21G0-IUF(2.8mm)(C)	IPCE
IPC 3 Series	DS-2CD3T21G0-IUF(6mm)(C)	IPCE
IPC 3 Series	DS-2CD3T51G0-IUF(2.8mm)(C)	IPCE
IPC 3 Series	DS-2CD3T51G0-IUF(4mm)(C)	IPCE
IPC 3 Series	DS-2CD3T51G0-IUF(6mm)(C)	IPCE
IPC 3 Series	DS-2CD3621G0-IZS(2.7-13.5mm)(C)	IPCE
IPC 1 Series	DS-2CD1753G0-IZ(2.8-12mm)(C)	IPCE
IPC 1 Series	DS-2CD1753G0-IZS(2.8-12mm)(C)	IPCE
IPC 3 Series	DS-2CD3121G0-I(4mm)(C)	IPCE
IPC 3 Series	DS-2CD3121G0-ISF(2.8mm)(C)	IPCE
IPC 3 Series	DS-2CD3121G0-ISF(4mm)(C)	IPCE
IPC 3 Series	DS-2CD3121G0-ISF(6mm)(C)	IPCE
IPC 3 Series	DS-2CD3121G0-I(2.8mm)(C)	IPCE
IPC HiLook Series	IPC-D620H-Z(2.8-12mm)(C)(HiLook)	IPCE_HL
IPC HiLook Series	IPC-T641H-Z(2.8-12mm)(C)(Hilook)	IPCE_HL
IPC HiLook Series	IPC-T621H-Z(2.8-12mm)(C)(Hilook)	IPCE_HL
IPC HiLook Series	IPC-D640H-Z(2.8-12mm)(C)(HiLook)	IPCE_HL
IPC HiLook Series	IPC-B640H-Z(2.8-12mm)(C)(HiLook)	IPCE_HL
IPC HiLook Series	IPC-B620H-Z(2.8-12mm)(C)(HiLook)	IPCE_HL
IPC HiLook Series	IPC-T651H-Z(2.8-12mm)(C)(HiLook)	IPCE_HL
IPC HiLook Series	IPC-B650H-Z(2.8-12mm)(C)(HiLook)	IPCE_HL
IPC HiLook Series	IPC-D650H-Z(2.8-12mm)(C)(HiLook)	IPCE_HL
IPC HiLook Series	IPC-D140H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B180H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-D121H(4mm)(C)(HiLook)	IPCE_HLR

IPC HiLook Series	IPC-D121H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B449H(6mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B429H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B429H(6mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B449H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B440H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B440H(6mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B420H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B420H(6mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T259H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T259H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B459H(6mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B459H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B159H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B159H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B129H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B129H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B149H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B149H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-D159H(4mm)(D)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-D159H(2.8mm)(D)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T250H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T250H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-D180H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-D180H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B150H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B150H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B480H(4mm)(C)(HiLook)	IPCE_HLR

IPC HiLook Series	IPC-B480H(6mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T240H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T240H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B180H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-D140H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-D149H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-D149H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-D129H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-D129H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-D150H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-D150H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-D129H(4mm)(D)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-D129H(2.8mm)(D)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-D149H(4mm)(D)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-D149H(2.8mm)(D)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T221H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T221H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B140H-L(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B140H-L(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B121H-L(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B121H-L(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T229H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T229H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T249H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T249H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T240H-L(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T240H-L(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T221H-L(2.8mm)(C)(HiLook)	IPCE_HLR

IPC HiLook Series	IPC-T221H-L(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B121H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B121H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T280H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-T280H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B140H(4mm)(C)(HiLook)	IPCE_HLR
IPC HiLook Series	IPC-B140H(2.8mm)(C)(HiLook)	IPCE_HLR
IPC 3 Series	DS-2CD3027G0E-LUF(2.8mm)(C)	IPCE_R
IPC 3 Series	DS-2CD3027G0E-LUF(4mm)(C)	IPCE_R
IPC 3 Series	DS-2CD3047G0E-LUF(2.8mm)(C)	IPCE_R
IPC 3 Series	DS-2CD3047G0E-LUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1027G0-LUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1027G0-LUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1027G0-L(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1027G0-L(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1047G0-LUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1047G0-LUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1047G0-L(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1047G0-L(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1327G0-LUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1327G0-LUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1327G0-L(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1327G0-L(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1347G0-LUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1347G0-LUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1347G0-L(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1347G0-L(4mm)(C)	IPCE_R
IPC 3 Series	DS-2CD3327G0E-LUF(2.8mm)(C)	IPCE_R



IPC 3 Series	DS-2CD3327G0E-LUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1021-I(4mm)(F)	IPCE_R
IPC 1 Series	DS-2CD1021-I(2.8mm)(F)	IPCE_R
IPC 1 Series	DS-2CD1023G0-IUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1023G0-IUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1023G0E-I(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1023G0E-I(2.8mm)(C)	IPCE_R
IPC HiWatch Series	HWI-D140H(2.8mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1143G0-IUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1143G0-I(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1123G0-IUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1123G0E-I(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1123G0E-I(2.8mm)(C)	IPCE_R
IPC HiWatch Series	HWI-B180H(4mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-D121H(4mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-D121H(2.8mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1123G0-IUF(4mm)(C)	IPCE_R
IPC 3 Series	DS-2CD3347G0E-LUF(2.8mm)(C)	IPCE_R
IPC 3 Series	DS-2CD3347G0E-LUF(4mm)(C)	IPCE_R
IPC HiWatch Series	HWI-B449H(4mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-B449H(6mm)(C)(HiWatch)	IPCE_R
IPC 3 Series	DS-2CD3T27G0E-LUF(4mm)(C)	IPCE_R
IPC 3 Series	DS-2CD3T27G0E-LUF(6mm)(C)	IPCE_R
IPC 3 Series	DS-2CD3T47G0E-LUF(4mm)(C)	IPCE_R
IPC 3 Series	DS-2CD3T47G0E-LUF(6mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T23G0-I(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T23G0-I(6mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T27G0-LUF(6mm)(C)	IPCE_R

IPC HiWatch Series	HWI-B429H(4mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-B429H(6mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1T47G0-L(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T47G0-L(6mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T47G0-LUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T47G0-LUF(6mm)(C)	IPCE_R
IPC HiWatch Series	HWI-B440H(4mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-B440H(6mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1T23G0-IUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T23G0-IUF(6mm)(C)	IPCE_R
IPC HiWatch Series	HWI-B420H(4mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-B420H(6mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1T43G0-I(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T43G0-I(6mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T43G0-IUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T43G0-IUF(6mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T27G0-L(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T27G0-L(6mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T27G0-LUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1147G0-L(2.8mm)(D)	IPCE_R
IPC 1 Series	DS-2CD1057G0-L(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1057G0-L(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1057G0-LUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1057G0-LUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1357G0-L(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1357G0-L(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1357G0-LUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1357G0-LUF(4mm)(C)	IPCE_R

IPC 1 Series	DS-2CD1T57G0-LUF(6mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T57G0-LUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T57G0-L(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T57G0-L(6mm)(C)	IPCE_R
IPC HiWatch Series	HWI-B129H(2.8mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-B129H(4mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-B149H(2.8mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-B149H(4mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1127G0-UF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1127G0-UF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1127G0(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1127G0(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1147G0-UF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1353G0-IUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1157G0-LUF(4mm)(D)	IPCE_R
IPC 1 Series	DS-2CD1157G0-LUF(2.8mm)(D)	IPCE_R
IPC 1 Series	DS-2CD1183G0-IUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1183G0-IUF(4mm)(C)	IPCE_R
IPC HiWatch Series	HWI-D180H(2.8mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-D180H(4mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1353G0-I(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1353G0-I(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1353G0-IUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1053G0-I(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1053G0-IUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1053G0-IUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1043G0-IUF(2.8mm)(C)	IPCE_R
IPC HiWatch Series	HWI-B480H(4mm)(C)(HiWatch)	IPCE_R

IPC HiWatch Series	HWI-B480H(6mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1043G0-IUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T83G0-I(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T83G0-I(6mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T83G0-IUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1T83G0-IUF(6mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1083G0-I(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1083G0-I(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1083G0-IUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1343G0-IUF(2.8mm)(C)	IPCE_R
IPC HiWatch Series	HWI-T240H(4mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-T240H(2.8mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1343G0-I(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1343G0-I(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1343G0-IUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1083G0-IUF(4mm)(C)	IPCE_R
IPC HiWatch Series	HWI-B180H(2.8mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-D140H(4mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1143G0-IUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1143G0-I(2.8mm)(C)	IPCE_R
IPC HiWatch Series	HWI-D129H(4mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-D149H(2.8mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-D149H(4mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1147G0-IUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1147G0-I(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1147G0-I(4mm)(C)	IPCE_R
IPC HiWatch Series	HWI-D129H(2.8mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1053G0-I(2.8mm)(C)	IPCE_R

IPC 1 Series	DS-2CD1153G0-I(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1153G0-I(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1153G0-IUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1153G0-IUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1157G0-L(4mm)(D)	IPCE_R
IPC 1 Series	DS-2CD1157G0-L(2.8mm)(D)	IPCE_R
IPC 1 Series	DS-2CD1023G0-LUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1043G0-L(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1127G0-L(4mm)(D)	IPCE_R
IPC 1 Series	DS-2CD1127G0-L(2.8mm)(D)	IPCE_R
IPC 1 Series	DS-2CD1321-I(4mm)(F)	IPCE_R
IPC 1 Series	DS-2CD1043G0-L(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1127G0-LUF(4mm)(D)	IPCE_R
IPC 1 Series	DS-2CD1321-I(2.8mm)(F)	IPCE_R
IPC 1 Series	DS-2CD1127G0-LUF(2.8mm)(D)	IPCE_R
IPC 1 Series	DS-2CD1323G0E-I(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1043G0-LUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1323G0E-I(2.8mm)(C)	IPCE_R
IPC HiWatch Series	HWI-D129H(4mm)(D)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1043G0-LUF(4mm)(C)	IPCE_R
IPC HiWatch Series	HWI-D129H(2.8mm)(D)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1323G0-IUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1323G0-IUF(2.8mm)(C)	IPCE_R
IPC HiWatch Series	HWI-T221H-L(4mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1147G0-L(4mm)(D)	IPCE_R
IPC 1 Series	DS-2CD1147G0-LUF(4mm)(D)	IPCE_R
IPC 1 Series	DS-2CD1023G0E-L(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1147G0-LUF(2.8mm)(D)	IPCE_R

IPC 1 Series	DS-2CD1023G0E-L(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1121-I(4mm)(F)	IPCE_R
IPC HiWatch Series	HWI-D149H(4mm)(D)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1121-I(2.8mm)(F)	IPCE_R
IPC HiWatch Series	HWI-D149H(2.8mm)(D)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1023G0-LUF(2.8mm)(C)	IPCE_R
IPC HiWatch Series	HWI-T221H(4mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-T221H(2.8mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-B140H-L(2.8mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-B140H-L(4mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-B121H-L(2.8mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-B121H-L(4mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1323G0E-L(2.8mm)(C)	IPCE_R
IPC HiWatch Series	HWI-T229H(2.8mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-T229H(4mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-T249H(2.8mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-T249H(4mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1343G0-LUF(4mm)(C)	IPCE_R
IPC HiWatch Series	HWI-T240H-L(2.8mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-T240H-L(4mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-T221H-L(2.8mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1323G0E-L(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1323G0-LUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1323G0-LUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1343G0-L(2.8mm)(C)	IPCE_R
IPC HiWatch Series	HWI-B121H(4mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-B121H(2.8mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1343G0-L(4mm)(C)	IPCE_R

IPC 1 Series	DS-2CD1343G0-LUF(2.8mm)(C)	IPCE_R
IPC HiWatch Series	HWI-T280H(2.8mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-T280H(4mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1383G0-I(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1383G0-I(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1383G0-IUF(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1383G0-IUF(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1183G0-I(2.8mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1183G0-I(4mm)(C)	IPCE_R
IPC HiWatch Series	HWI-B140H(4mm)(C)(HiWatch)	IPCE_R
IPC HiWatch Series	HWI-B140H(2.8mm)(C)(HiWatch)	IPCE_R
IPC 1 Series	DS-2CD1043G0-I(4mm)(C)	IPCE_R
IPC 1 Series	DS-2CD1043G0-I(2.8mm)(C)	IPCE_R