

Network Camera-V5.8.1 Release Note

(250901)

Firmware Basic Information	Firmware version:	V5.8.1_250901
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New Features

1. New models added: 2 Series 12MP and 16MP (2xx3, 2xx6).
2. Max video specs:
 - 12MP model: 4608 × 2592@20fps
 - 16MP model: 4608 × 3456@15fps
 - Supports integration with industrial NVR (verify NVR performance before integration).
3. 2xx6 supports AIISP (2xx3 supports the feature, but with inferior performance compared to 2xx6).
4. Supports Deep Learning Perimeter (540P@12.5fps specs), detecting human and vehicle targets.
Detection/recognition accuracy slightly surpasses G5 platform.
5. Supports Deep Learning Face Capture (540P@6.25fps specs):
 - Max. 30 faces detected per frame; captures up to 10.
 - 12MP model push resolution: 1920×1080 and 1280×720.
 - 16MP model push resolution: 1728×1296 and 1152×864.
 - Detection/recognition accuracy slightly surpasses G5 platform.
6. Supports AcuSeek for human/vehicle targets; supports Motion Detection 2.0 (Human/Vehicle).
7. Note: Perimeter and Face Capture cannot be enabled simultaneously; AIISP can be enabled simultaneously with either Perimeter or Face Capture.

Modify Function

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 Number
IPCE	
IPC 2 Series	DS-2CD27123G2-LIZS2UY(2.8-12mm)(O-STD)
IPC 2 Series	DS-2CD27123G2-LIZS2UY(2.8-12mm)(O-NEU)
IPC 2 Series	DS-2CD27123G2-LIZS2UY(2.8-12mm)/O-STD/Black
IPC 2 Series	DS-2CD26126G3-IZSY(2.8-12mm)(eF)(O-STD)
IPC 2 Series	DS-2CD26166G3-IZSY(2.8-12mm)(eF)(O-STD)
IPC 2 Series	DS-2CD26126G3-IZSY(2.8-12mm)/eF/O-STD/Black

IPC 2 Series	DS-2CD26166G3-IZSY(2.8-12mm)/eF/O-STD/Black
IPC 2 Series	DS-2CD26126G3-IZS2UY/SL(2.8-12mm)/eF/O-STD
IPC 2 Series	DS-2CD26126G3-IZS2UY/SRB(2.8-12mm)eF/O-STD
IPC 2 Series	DS-2CD26166G3-IZS2UY/SL(2.8-12mm)/eF/O-STD
IPC 2 Series	DS-2CD26166G3-IZS2UY/SRB(2.8-12mm)eF/O-STD
IPC 2 Series	DS-2CD26126G3-IZS2UY/SL(2.8-12)eF/O-STD/Black
IPC 2 Series	DS-2CD26126G3-IZS2UY/SRB(2812)eF/O-STD/Black
IPC 2 Series	DS-2CD26166G3-IZS2UY/SL(2.8-12)eF/O-STD/Black
IPC 2 Series	DS-2CD26166G3-IZS2UY/SRB(2812)eF/O-STD/Black
IPC 2 Series	DS-2CD26123G2-LIZS2UY(2.8-12mm)(O-STD)
IPC 2 Series	DS-2CD26123G2-LIZS2UY/SL(2.8-12mm)(O-STD)
IPC 2 Series	DS-2CD26123G2-LIZS2UY/SRB(2.8-12mm)/O-STD
IPC 2 Series	DS-2CD26123G2-LIZS2UY(2.8-12mm)(O-STD)Black
IPC 2 Series	DS-2CD26123G2-LIZS2UY/SL(2.8-12)O-STD/BLACK
IPC 2 Series	DS-2CD26123G2-LIZS2UY/SRB(2.8-12)O-STD/BLACK
IPC 2 Series	DS-2CD2T123G2-2LI2UY(2.8mm)(O-STD)
IPC 2 Series	DS-2CD2T123G2-2LI2UY(4mm)(O-STD)
IPC 2 Series	DS-2CD2T123G2-2LIY(2.8mm)(O-STD)
IPC 2 Series	DS-2CD2T123G2-2LIY(4mm)(O-STD)
IPC 2 Series	DS-2CD2T123G2-4LI2UY(2.8mm)(O-STD)
IPC 2 Series	DS-2CD2T123G2-4LI2UY(4mm)(O-STD)
IPC 2 Series	DS-2CD2T123G2-4LIY(2.8mm)(O-STD)
IPC 2 Series	DS-2CD2T123G2-4LIY(4mm)(O-STD)
IPC 2 Series	DS-2CD2T123G2-LIS2UY/SL(2.8mm)(O-STD)
IPC 2 Series	DS-2CD2T123G2-LIS2UY/SL(4mm)(O-STD)
IPC 2 Series	DS-2CD2T123G2-LIS2UY/SRB(2.8mm)(O-STD)
IPC 2 Series	DS-2CD2T123G2-LIS2UY/SRB(4mm)(O-STD)
IPC 2 Series	DS-2CD2T126G3-2I2UY(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T126G3-2I2UY(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T126G3-2IY(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T126G3-2IY(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T126G3-4I2UY(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T126G3-4I2UY(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T126G3-4IY(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T126G3-4IY(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T126G3-IS2UY/SL(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T126G3-IS2UY/SL(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T126G3-IS2UY/SRB(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T126G3-IS2UY/SRB(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T166G3-2I2UY(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T166G3-2I2UY(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T166G3-2IY(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T166G3-2IY(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T166G3-4I2UY(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T166G3-4I2UY(4mm)(eF)(O-STD)

IPC 2 Series	DS-2CD2T166G3-4IY(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T166G3-4IY(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T166G3-IS2UY/SL(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T166G3-IS2UY/SL(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T166G3-IS2UY/SRB(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T166G3-IS2UY/SRB(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2H123G2-LIZS2UY(2.8-12mm)(O-STD)
IPC 2 Series	DS-2CD2H123G2-LIZS2UY/SL(2.8-12mm)(O-STD)
IPC 2 Series	DS-2CD2H123G2-LIZS2UY/SRB(2.8-12mm)/O-STD
IPC 2 Series	DS-2CD2H126G3-IZSY(2.8-12mm)(eF)(O-STD)@
IPC 2 Series	DS-2CD2H126G3-IZS2UY/SL(2.8-12mm)/eF/O-STD
IPC 2 Series	DS-2CD2H126G3-IZS2UY/SRB(2.8-12mm)eF/O-STD
IPC 2 Series	DS-2CD2H166G3-IZSY(2.8-12mm)(eF)(O-STD)@
IPC 2 Series	DS-2CD2H166G3-IZS2UY/SL(2.8-12mm)/eF/O-STD
IPC 2 Series	DS-2CD2H166G3-IZS2UY/SRB(2.8-12mm)eF/O-STD
IPC 2 Series	DS-2CD23123G2-LI2UY(2.8mm)(O-STD)
IPC 2 Series	DS-2CD23123G2-LI2UY(4mm)(O-STD)
IPC 2 Series	DS-2CD23123G2-LIS2UY/SL(2.8mm)(O-STD)
IPC 2 Series	DS-2CD23123G2-LIS2UY/SL(4mm)(O-STD)
IPC 2 Series	DS-2CD23123G2-LIS2UY/SRB(2.8mm)(O-STD)
IPC 2 Series	DS-2CD23123G2-LIS2UY/SRB(4mm)(O-STD)
IPC 2 Series	DS-2CD23123G2-LIY(2.8mm)(O-STD)
IPC 2 Series	DS-2CD23123G2-LIY(4mm)(O-STD)
IPC 2 Series	DS-2CD23126G3-I2UY(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD23126G3-I2UY(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD23126G3-IS2UY/SL(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD23126G3-IS2UY/SL(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD23126G3-IS2UY/SRB(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD23126G3-IS2UY/SRB(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD23126G3-IY(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD23126G3-IY(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD23166G3-I2UY(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD23166G3-I2UY(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD23166G3-IS2UY/SL(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD23166G3-IS2UY/SL(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD23166G3-IS2UY/SRB(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD23166G3-IS2UY/SRB(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD23166G3-IY(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD23166G3-IY(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20123G2-LIUY(2.8mm)(O-STD)
IPC 2 Series	DS-2CD20123G2-LIUY(4mm)(O-STD)
IPC 2 Series	DS-2CD20123G2-LIUY(6mm)(O-STD)
IPC 2 Series	DS-2CD20123G2-LIUY/SL(2.8mm)(O-STD)
IPC 2 Series	DS-2CD20123G2-LIUY/SL(4mm)(O-STD)
IPC 2 Series	DS-2CD20123G2-LIUY/SL(6mm)(O-STD)

IPC 2 Series	DS-2CD20123G2-LIUY/SRB(2.8mm)(O-STD)
IPC 2 Series	DS-2CD20123G2-LIUY/SRB(4mm)(O-STD)
IPC 2 Series	DS-2CD20123G2-LIUY/SRB(6mm)(O-STD)
IPC 2 Series	DS-2CD20123G2-LIY(2.8mm)(O-STD)
IPC 2 Series	DS-2CD20123G2-LIY(4mm)(O-STD)
IPC 2 Series	DS-2CD20123G2-LIY(6mm)(O-STD)
IPC 2 Series	DS-2CD20126G3-IUY/SL(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20126G3-IUY/SL(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20126G3-IUY/SL(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20126G3-IUY/SRB(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20126G3-IUY/SRB(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20126G3-IUY/SRB(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20126G3-IUY(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20126G3-IUY(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20126G3-IUY(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20126G3-IY(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20126G3-IY(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20126G3-IY(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20166G3-IUY(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20166G3-IUY(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20166G3-IUY(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20166G3-IUY/SL(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20166G3-IUY/SL(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20166G3-IUY/SL(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20166G3-IUY/SRB(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20166G3-IUY/SRB(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20166G3-IUY/SRB(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20166G3-IY(2.8mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20166G3-IY(4mm)(eF)(O-STD)
IPC 2 Series	DS-2CD20166G3-IY(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T123G2-2LI2UY(6mm)(O-STD)
IPC 2 Series	DS-2CD2T123G2-2LIY(6mm)(O-STD)
IPC 2 Series	DS-2CD2T123G2-4LI2UY(6mm)(O-STD)
IPC 2 Series	DS-2CD2T123G2-4LIY(6mm)(O-STD)
IPC 2 Series	DS-2CD2T123G2-LIS2UY/SL(6mm)(O-STD)
IPC 2 Series	DS-2CD2T123G2-LIS2UY/SRB(6mm)(O-STD)
IPC 2 Series	DS-2CD2T126G3-2I2UY(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T126G3-2IY(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T126G3-4I2UY(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T126G3-4IY(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T126G3-IS2UY/SL(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T126G3-IS2UY/SRB(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T166G3-2I2UY(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T166G3-2IY(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T166G3-4I2UY(6mm)(eF)(O-STD)

IPC 2 Series	DS-2CD2T166G3-4IY(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T166G3-IS2UY/SL(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD2T166G3-IS2UY/SRB(6mm)(eF)(O-STD)
IPC 2 Series	DS-2CD23123G2-LI2UY(2.8mm)(O-STD)(Black)
IPC 2 Series	DS-2CD23123G2-LIS2UY/SL(2.8mm)(O-STD)/Black
IPC 2 Series	DS-2CD23123G2-LIS2UY/SRB(2.8mm)/O-STD/Black
IPC 2 Series	DS-2CD23123G2-LIS2UY/SRB(2.8mm)(O-NEU)
IPC 2 Series	DS-2CD23123G2-LIS2UY/SRB(4mm)(O-NEU)
IPC 2 Series	DS-2CD23123G2-LIS2UY/SL(2.8mm)(O-NEU)
IPC 2 Series	DS-2CD23123G2-LIS2UY/SL(4mm)(O-NEU)
IPC 2 Series	DS-2CD23123G2-LI2UY(2.8mm)(O-NEU)
IPC 2 Series	DS-2CD23123G2-LI2UY(4mm)(O-NEU)
IPC 2 Series	DS-2CD23123G2-LIY(4mm)(O-NEU)
IPC 2 Series	DS-2CD23123G2-LIY(2.8mm)(O-NEU)
IPC 2 Series	DS-2CD23126G3-I2UY(2.8mm)(eF)(O-STD)(Black)
IPC 2 Series	DS-2CD23126G3-IS2UY/SL(2.8mm)(eF)O-STD/BLACK
IPC 2 Series	DS-2CD23126G3-IS2UY/SRB(2.8mm)/eF/O-STD/Black
IPC 2 Series	DS-2CD23126G3-IS2UY/SL(2.8mm)(eF)(O-NEU)
IPC 2 Series	DS-2CD23126G3-IS2UY/SL(4mm)(eF)(O-NEU)
IPC 2 Series	DS-2CD23126G3-IS2UY/SRB(2.8mm)(eF)(O-NEU)
IPC 2 Series	DS-2CD23126G3-IS2UY/SRB(4mm)(eF)(O-NEU)
IPC 2 Series	DS-2CD23126G3-I2UY(2.8mm)(eF)(O-NEU)
IPC 2 Series	DS-2CD23126G3-I2UY(4mm)(eF)(O-NEU)
IPC 2 Series	DS-2CD23126G3-IY(2.8mm)(eF)(O-NEU)
IPC 2 Series	DS-2CD23126G3-IY(4mm)(eF)(O-NEU)
IPC 2 Series	DS-2CD23166G3-I2UY(2.8mm)(eF)(O-STD)(Black)
IPC 2 Series	DS-2CD23166G3-IS2UY/SL(2.8mm)(eF)O-STD/BLACK
IPC 2 Series	DS-2CD23166G3-IS2UY/SRB(2.8mm)/eF/O-STD/Black
IPC 2 Series	DS-2CD23166G3-IS2UY/SRB(2.8mm)(eF)(O-NEU)
IPC 2 Series	DS-2CD23166G3-IS2UY/SRB(4mm)(eF)(O-NEU)
IPC 2 Series	DS-2CD23166G3-IS2UY/SL(2.8mm)(eF)(O-NEU)
IPC 2 Series	DS-2CD23166G3-IS2UY/SL(4mm)(eF)(O-NEU)
IPC 2 Series	DS-2CD23166G3-IY(2.8mm)(eF)(O-NEU)
IPC 2 Series	DS-2CD23166G3-IY(4mm)(eF)(O-NEU)
IPC 2 Series	DS-2CD23166G3-I2UY(2.8mm)(eF)(O-NEU)
IPC 2 Series	DS-2CD23166G3-I2UY(4mm)(eF)(O-NEU)
IPC 2 Series	DS-2CD2H123G2-LIZS2UY(2.8-12mm)(O-NEU)
IPC 2 Series	DS-2CD2H123G2-LIZS2UY/SL(2.8-12mm)(O-NEU)
IPC 2 Series	DS-2CD2H123G2-LIZS2UY/SRB(2.8-12mm)/O-NEU
IPC 2 Series	DS-2CD2H126G3-IZSY(2.8-12mm)(eF)(O-NEU)@
IPC 2 Series	DS-2CD2H126G3-IZS2UY/SL(2.8-12mm)/eFO-NEU
IPC 2 Series	DS-2CD2H126G3-IZS2UY/SRB(2.8-12mm)eFO-NEU
IPC 2 Series	DS-2CD2H166G3-IZSY(2.8-12mm)(eF)(O-NEU)@
IPC 2 Series	DS-2CD2H166G3-IZS2UY/SL(2.8-12mm)/eFO-NEU
IPC 2 Series	DS-2CD2H166G3-IZS2UY/SRB(2.8-12mm)eFO-NEU



First Choice for Security Professionals
