

G5_5.7.40SP Release Note (2023-06-27)

Firmware Basic Information	Firmware Version: IPCFB_G5_5.7.40_230626 IPCH_FBSH_G5_5.7.40_230626
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Features

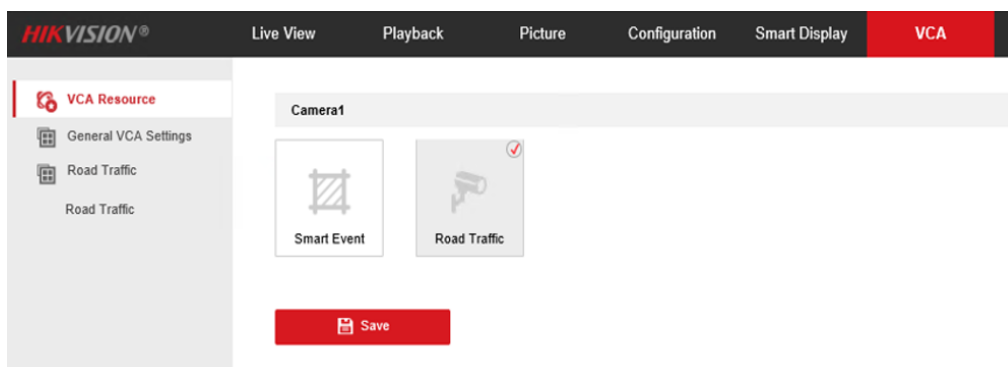
Note: Please **do not downgrade** after upgrading to this version, as downgrading may cause 4G to become unusable.

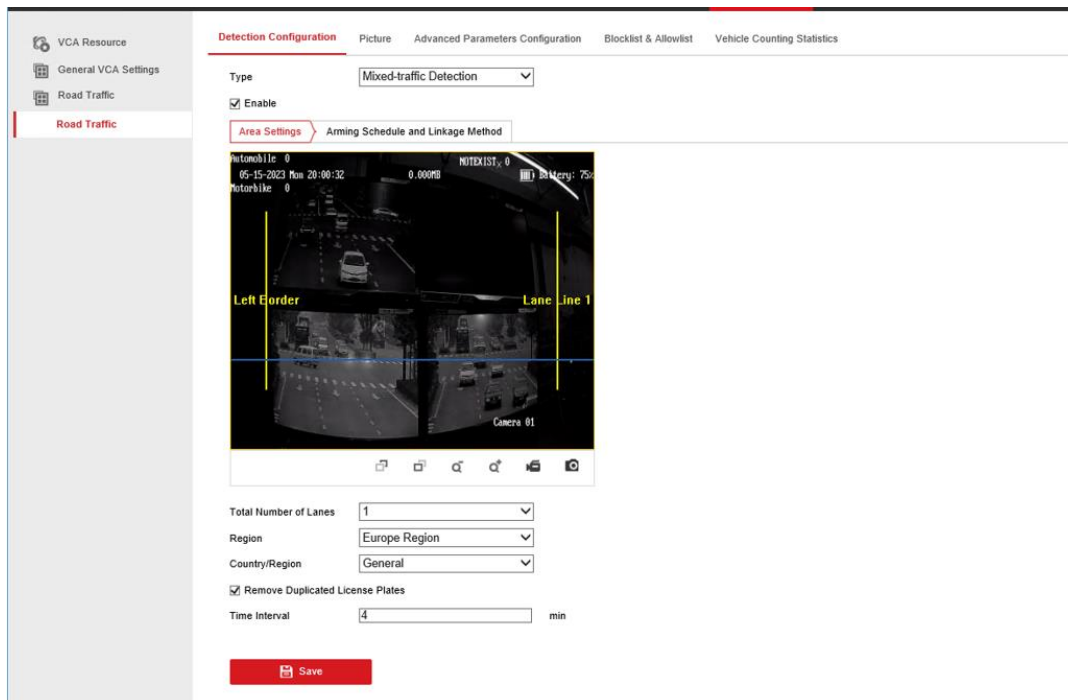
- **Improved functionality**

1. **ANPR** (Only for **IPCH_FBSH_G5**)

Only for with **/P** supports ANPR and smart events, defaults to ANPR

- 1) Support attribute recognition of license plates, configuration of lane numbers, country recognition, Remove Duplicated License Plates, vehicle direction, Target Validity, support for License Plate or Vehicle, Vehicle Priority.
- 2) Supports ANPR alarm and linkage with Wiegand output.

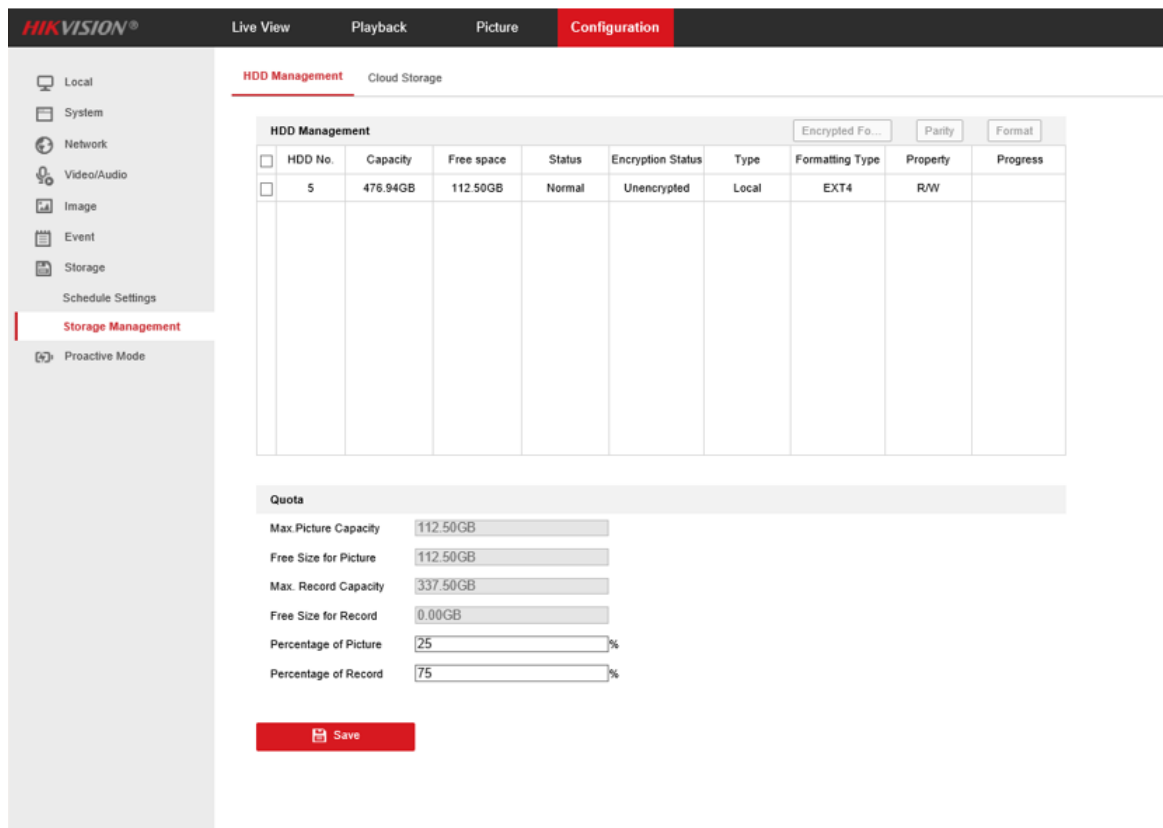




2. SSD

Support SSD storage for video recording: The device supports 512G/1G SSD video storage.

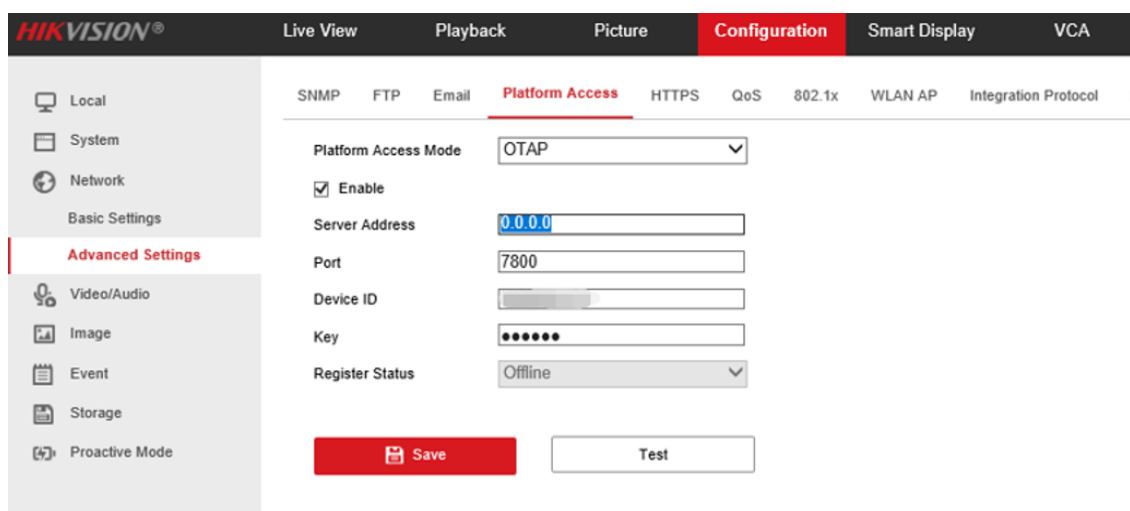
This feature requires adding SSD storage when placing an order. The SSD is installed inside the camera at the factory and cannot be added later.



3. OTAP

Support OTAP protocol docking with NVR

- 1) Supports OTAP protocol docking with NVR disk management and allocation to share a set of ratios. Before use, manual reallocation and formatting are required to take effect
- 2) NVR supports registering solar cameras with NVR using the OTAP protocol.
- 3) NVR supports real-time preview and sleep wake-up through the OTAP protocol (supported on the device side with wake-up, not supported by NVR).
- 4) NVR supports pulling event recordings from solar cameras through the OTAP protocol, which can be stored, retrieved, and played back on NVR. (For recording above the low battery threshold, set ANR to record for 1 hour, once, wake up the device first, and then obtain the recording)
- 5) NVR supports upgrading solar cameras through the OTAP protocol (camera support, NVR does not).
- 6) Support the display of solar battery power.
- 7) Parameter configuration, only supports mode switching. Support the configuration of Power Consumption Mode for solar energy. (The interface should have prompts for mode usage scenarios, refer to the IPC interface)



4. Auto Re-Camp

- 1) Set the Auto Re-Camp interval time, where the device actively disconnects from the base station and initiates a new connection. With the device actively Re-Camp, the device takes a faster time to go online again, only 2-3 minutes. If the Service Provider disconnects the connection with the device, the device will be disconnected for a long time. It takes 15 minutes to reconnect.
- 2) The web interface can be configured with 4G module Auto Re-Camp, which can be configured for 1-24 hours and takes effect at the moment after saving.
- 3) It is disabled by default.

The screenshot displays the HIKVISION web interface for configuring the 4G module. The top navigation bar includes 'Live View', 'Playback', 'Picture', 'Configuration' (highlighted), 'Smart Display', and 'VCA'. The left sidebar shows 'Local', 'System', and 'Network' categories, with 'Basic Settings' selected. The main configuration area is titled 'Wireless Dial' and includes sub-sections for 'TCP/IP', 'DDNS', 'Port', 'NAT', 'Wireless Dial', 'Multicast', and 'Wireless Expert Settings'. The 'Wireless Dial' section is expanded, showing 'Enable' checked, 'Re-Camp' button, and 'SIM Card' information for 'SIM 1' (No SIM Card, IP Address 0.0.0.0). Below this are 'Dial Parameters', 'Dial Plan', and 'Auxiliary Function' tabs. The 'Other' section contains 'IMEI' (869816055123003) and 'ICCID' (NONE). The 'Auto Re-Camp' section is highlighted with a red box, showing 'Enable' unchecked and 'Re-Camp Interval' set to 160 minutes. The 'Wireless Mode Upgrade' section shows 'Wireless Mode Version' (866.02.10.19010.7010.73.08) and 'Wireless Mode Upgrade' buttons. A red 'Save' button is at the bottom.

5. 4G module upgrade

- 1) Upgrade 4G firmware separately on the web side

The device supports upgrading 4G module through the web. If there is a network outage or power outage during the upgrade process, the module can still be used normally and will not be damaged. The device can be upgraded in both Performance Mode and Proactive Mode, and will take effect immediately after successful upgrade.

- 2) The device supports displaying version information of 4G module.

The screenshot displays the Hikvision web interface for configuring the 4G module. The navigation menu includes Live View, Playback, Picture, Configuration (selected), Smart Display, and VCA. Under Configuration, the Wireless Dial tab is active. The interface shows the following settings:

- Enable:**
- Re-Camp:** Re-Camp button
- SIM Card:**
 - SIM 1:** ? [signal strength]
 - No SIM Card:** [refresh] [refresh]
 - IP Address:** 0.0.0.0
- Dial Parameters:** Dial Plan, Auxiliary Function
- Other:**
 - IMEI:** 869816055123003
 - ICCID:** NONE
- Auto Re-Camp:**
 - Enable:**
 - Re-Camp Interval:** 160 minute(s)
- Wireless Mode Upgrade:**
 - Wireless Mode Version:** 866.02.10.19010.7010.73.08
 - Wireless Mode Upgrade:** [input field] [Browse] [Upload]

A red box highlights the SIM Card and Wireless Mode Upgrade sections. A red Save button is located at the bottom of the configuration page.

6. Pincode SIM unlocking

Web support for inputting Pincode to unlock SIM card

The screenshot displays the HIKVISION configuration interface. The top navigation bar includes 'Live View', 'Playback', 'Picture', 'Configuration' (highlighted), 'Smart Display', and 'VCA'. The left sidebar shows 'Local', 'System', and 'Network' categories, with 'Basic Settings' selected. The main content area is titled 'Wireless Dial' and includes sub-tabs for 'TCP/IP', 'DDNS', 'Port', 'NAT', 'Wireless Dial', 'Multicast', and 'Wireless Expert Settings'. The 'Wireless Dial' sub-tab is active, showing a 'Re-Camp' button and a 'SIM Card' section. The 'SIM Card' section is highlighted with a red box and contains the following information: 'SIM 1', 'No SIM Card', and 'IP Address 0.0.0.0'. Below this, there are three sub-tabs: 'Dial Parameters' (selected), 'Dial Plan', and 'Auxiliary Function'. The 'Dial Parameters' section includes several fields: 'Dial Mode' (Auto), 'Network Mode' (4G), 'Offline Time' (3600 s), 'Phone', 'Access Number', 'User Name', 'Password', 'APN', 'MTU' (1400), 'Pincode SIM' (highlighted with a red box), and 'Verification Protocol' (CHAP).

- **Modification function**

1. Optimized streaming speed for camera wake-up

- **V5.7.40SP**

Fixed some known issues

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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IPCH_FBSH_G5_5.7.40_230626**Supported models**

Product series	Product models
IPC 6 Series	DS-2XS6A46G1/P-IZS/C36S80(8-32mm)O-STDNB
IPC 6 Series	DS-2XS6A46G1/P-IZS/C36S80(2.8-12)O-STDNB

IPCFB_G5_5.7.40_230626**Supported models**

Product series	Product models
IPC 6 Series	DS-2XS6A87G1-L/C32S80(4mm)(O-STD)(unpackaged)
IPC 6 Series	DS-2XS6A87G1-L/C32S80(2.8mm)(O-STD)(unpackaged)
IPC 6 Series	DS-2XS6A87G1-L/C32S80(4mm)(O-STD)(unpackaged)US
IPC 6 Series	DS-2XS6A87G1-L/C32S80(2.8mm)(O-STD)unpackagedUS
IPC 6 Series	DS-2XS6A87G1-L/C32S80(4mm)(O-STD)(unpackaged)JP
IPC 6 Series	DS-2XS6A87G1-L/C32S80(2.8mm)(O-STD)unpackagedJP
IPC 6 Series	DS-2XS6A87G1-L/C32S80(4mm)(O-STD)(unpackaged)LA
IPC 6 Series	DS-2XS6A87G1-L/C32S80(2.8mm)(O-STD)unpackagedLA
IPC 6 Series	DS-2XS6A87G1-LS/4G(2.8mm)(O-NEU)(LA)
IPC 6 Series	DS-2XS6A87G1-LS/4G(4mm)(O-NEU)(LA)
IPC 6 Series	DS-2XS6A87G1-LS/4G(4mm)(O-NEU)(JP)
IPC 6 Series	DS-2XS6A87G1-LS/4G(2.8mm)(O-NEU)(US)
IPC 6 Series	DS-2XS6A87G1-LS/4G(4mm)(O-NEU)(US)
IPC 6 Series	DS-2XS6A87G1-LS/4G(2.8mm)(O-NEU)

IPC 6 Series	DS-2XS6A87G1-LS/4G(2.8mm)(O-NEU)(JP)
IPC 6 Series	DS-2XS6A87G1-LS/4G(4mm)(O-STD)(JP)
IPC 6 Series	DS-2XS6A87G1-LS/4G(4mm)(O-NEU)
IPC 6 Series	DS-2XS6A87G1-LS/4G(2.8mm)(O-STD)(US)
IPC 6 Series	DS-2XS6A87G1-LS/4G(4mm)(O-STD)(US)
IPC 6 Series	DS-2XS6A87G1-LS/4G(2.8mm)(O-STD)(JP)
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(4mm)(O-NEU)unpackagedLA
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(2.8mm)O-NEUunpackagedLA
IPC 6 Series	DS-2XS6A46G1-IZS/C36S80(2.8-12)O-STD1TNB
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(4mm)(O-NEU)/unpackaged
IPC 6 Series	DS-2XS6A46G1-IZS/C36S80(2.8-12)O-STDNB/US
IPC 6 Series	DS-2XS6A46G1-IZS/C36S80(2812)O-STD512GNB
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(4mm)(O-NEU)unpackagedJP
IPC 6 Series	DS-2XS6A46G1-IZS/C36S80(2.8-12)O-STDNB/LA
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(2.8mm)O-NEUunpackagedJP
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(4mm)(O-NEU)unpackagedUS
IPC 6 Series	DS-2XS6A46G1-IZS/C36S80(2.8-12)O-STDNB/JP
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(2.8mm)O-NEUunpackagedUS
IPC 6 Series	DS-2XS6A25G0-I/CH20S40(4mm)(O-NEU)(unpackaged)
IPC 6 Series	DS-2XS6A25G0-I/CH20S40(2.8mm)(O-NEU)(unpackaged)
IPC 6 Series	DS-2XS6A46G1-IZS/C36S80(2.8-12mm)O-STDunpackaged
IPC 6 Series	DS-2XS6A47G1-LS/C36S80(2.8mm)O-STDunpackagedUS

IPC 6 Series	DS-2XS6A47G1-LS/C36S80(4mm)(O-STD)/unpackaged
IPC 6 Series	DS-2XS6A47G1-LS/C36S80(2.8mm)(O-STD)unpackaged
IPC 6 Series	DS-2XS6A47G1-LS/4G(4mm)(O-STD)
IPC 6 Series	DS-2XS6A47G1-LS/C36S80(2.8mm)O-STDunpackagedLA
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IPC 6 Series	DS-2XS6A47G1-LS/C36S80(4mm)(O-NEU)unpackagedUS
IPC 6 Series	DS-2XS6A47G1-LS/C36S80(4mm)(O-NEU)unpackagedLA
IPC 6 Series	DS-2XS6A47G1-LS/C36S80(2.8mm)O-NEUunpackagedLA
IPC 6 Series	DS-2XS6A47G1-LS/C36S80(4mm)(O-NEU)unpackagedJP
IPC 6 Series	DS-2XS6A25G0-I/TH10S40(8mm)(O-STD)(unpackaged)
IPC 6 Series	DS-2XS6A47G1-LS/C36S80(2.8mm)O-NEUunpackagedJP
IPC 6 Series	DS-2XS6A25G0-I/TH10S40(4mm)(O-STD)(unpackaged)
IPC 6 Series	DS-2XS6A25G0-I/TH10S40(2.8mm)(O-STD)(unpackaged)
IPC 6 Series	DS-2XS6A87G1-L/C32S80(2.8mm)(O-NEU)unpackagedJP
IPC 6 Series	DS-2XS6A87G1-L/C32S80(4mm)(O-NEU)(unpackaged)LA
IPC 6 Series	DS-2XS6A87G1-L/C32S80(2.8mm)(O-NEU)unpackagedLA
IPC 6 Series	DS-2XS6A87G1-LS/4G(2.8mm)(O-STD)
IPC 6 Series	DS-2XS6A47G1-LS/4G(2.8mm)(O-NEU)(LA)
IPC 6 Series	DS-2XS6A47G1-LS/4G(4mm)(O-NEU)(LA)
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IPC 6 Series	DS-2XS6A47G1-LS/C36S80(4mm)(O-STD)unpackagedLA
IPC 6 Series	DS-2XS6A47G1-LS/4G(2.8mm)(O-STD)(LA)
IPC 6 Series	DS-2XS6A47G1-LS/4G(4mm)(O-STD)(LA)
IPC 6 Series	DS-2XS6A47G1-LS/4G(2.8mm)(O-STD)(JP)
IPC 6 Series	DS-2XS6A47G1-LS/4G(4mm)(O-STD)(JP)
IPC 6 Series	DS-2XS6A87G1-LS/4G(4mm)(O-STD)
IPC 6 Series	DS-2XS6A47G1-LS/4G(4mm)(O-NEU)
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(2.8mm)(O-NEU)unpackaged
IPC 6 Series	DS-2XS6A47G1-LS/4G(2.8mm)(O-STD)(US)
IPC 6 Series	DS-2XS6A47G1-LS/4G(4mm)(O-STD)(US)
IPC 6 Series	DS-2XS6A47G1-LS/4G(2.8mm)(O-STD)
IPC 6 Series	DS-2XS6A46G1/P-IZS/C36S80(8-32mm)O-STDNB
IPC 3 Series	DS-2CD3T23G1-I/4G(8mm)(O-STD)
IPC 3 Series	DS-2CD3T23G1-I/4G(4mm)(O-STD)
IPC 3 Series	DS-2CD3T23G1-I/4G(2.8mm)(O-STD)
IPC 6 Series	DS-2XS6A25G0-I/CH20S40(8mm)(O-STD)(unpackaged)

IPC 6 Series	DS-2XS6A25G0-I/CH20S40(4mm)(O-STD)(unpackaged)
IPC 6 Series	DS-2XS6A87G1-L/C32S80(4mm)(O-NEU)(unpackaged)
IPC 6 Series	DS-2XS6A25G0-I/CH20S40(2.8mm)(O-STD)(unpackaged)
IPC 6 Series	DS-2XS6A87G1-L/C32S80(2.8mm)(O-NEU)(unpackaged)
IPC 6 Series	DS-2XS6A87G1-L/C32S80(4mm)(O-NEU)(unpackaged)US
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IPC 6 Series	DS-2XS6A87G1-L/C32S80(4mm)(O-NEU)(unpackaged)JP
IPC 6 Series	DS-2XS6A47G1-LS/C36S80(2.8mm)(O-NEU)unpackaged
IPC 6 Series	DS-2XS6A46G1-IZS/C36S80(2.8-12mm)O-NEUunpackaged
IPC 6 Series	DS-2XS6A47G1-LS/C36S80(2.8mm)O-NEUunpackagedUS
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IPC 6 Series	DS-2XS6A25G0-I/TH10S40(8mm)(O-NEU)(unpackaged)
IPC 6 Series	DS-2XS6A25G0-I/TH10S40(4mm)(O-NEU)(unpackaged)
IPC 6 Series	DS-2XS6A25G0-I/TH10S40(2.8mm)(O-NEU)(unpackaged)
IPC 6 Series	DS-2XS6A25G0-I/CH20S40(8mm)(O-NEU)(unpackaged)
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(4mm)(O-STD)unpackagedLA
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(2.8mm)O-STDunpackagedLA
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(4mm)(O-STD)unpackagedJP
IPC 6 Series	DS-2XS6A46G1-IZS/C36S80(8-32mm)(O-STD)unpackaged
IPC 3 Series	DS-2CD3T23G1-I/4G(8mm)(O-NEU)
IPC 3 Series	DS-2CD3T23G1-I/4G(4mm)(O-NEU)
IPC 3 Series	DS-2CD3T23G1-I/4G(2.8mm)(O-NEU)

IPC 6 Series	DS-2XS6A87G1-LS/C36S80(2.8mm)O-STDunpackagedJP
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(4mm)(O-STD)unpackagedUS
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(2.8mm)O-STDunpackagedUS
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(4mm)(O-STD)/unpackaged
IPC 6 Series	DS-2XS6A46G1-IZS/C36S80(8-32mm)O-STDunpackagedUS
IPC 6 Series	DS-2XS6A46G1/P-IZS/C36S80(2.8-12)O-STDNB
IPC 6 Series	DS-2XS6A87G1-LS/C36S80(2.8mm)(O-STD)unpackaged
IPC 6 Series	DS-2XS6A46G1-IZS/C36S80(8-32mm)O-STDunpackagedLA
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