



Product Change Notification

Change Notification #: 119628-01

Change Title: Select Intel® RealSense™ Depth Module D450 and Intel® RealSense™ Depth Camera D455, PCN 119628-01, Product Material, Sensor Replacement
Reason for Revision: Additional content about the Firmware version that can be uploaded on the camera.

Date of Publication: July 19, 2023

Key Characteristics of the Change:

Product Material

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material	July 28, 2023
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Description of Change to the Customer:

Reason for Revision: Additional content about the Firmware version that can be uploaded on the camera.

The Intel® RealSense™ Depth Cameras and Modules and Intel® RealSense™ Vision Processor SKUs listed in the products affected table below will have the following change:

- OV9782 depth and RGB sensors were replaced with an improved process OV9782 version in order to reduce over-saturation in bright sunlight.

Customer Impact of Change and Recommended Action:

The firmware version of the cameras and modules with the new sensors can be updated to version number [5.13.0.50/5.13.0.55](#) or higher.

Any attempt to downgrade the firmware to version 5.12.13.50 and lower will lock the camera. Downgrades to other firmware versions will cause the camera to enter a Device Firmware Update mode, which still allows for the firmware version to be updated.

All the firmware versions and their errata are documented at: <https://dev.intelrealsense.com/docs/firmware-releases>.

Please contact your local Intel Field Sales Representative if you have any further questions about these changes.

Products Affected/Intel Ordering Codes:

Marketing Name	Product Code	MM#	Pre Change TA	Post Change TA
Intel® RealSense™ Depth Module D450*	82635DSD450	999WCM	K83121-100	K83121-101
Intel® RealSense™ Depth Camera D455	82635DSD455MP	999WCR	K83122-110	K83122-111
Intel® RealSense™ Depth Camera D455	82635DSD455	999WCT	K83122-110	K83122-111

(*) When combined with D4 Board (V3), Product Code 82635DSASICBDIF, MM# 99A2NX.

Note: D4 Board (V3) with FW version 5.12.13.50 and older cannot be updated, check the Errata

PCN Revision History:

Date of Revision:

July 13, 2023

July 19, 2023

Revision Number:

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Reason:

Originally Published PCN

Additional content about the Firmware version that can be uploaded on the camera.



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No response from customers will be deemed an acceptance of the change, and the change will be implemented pursuant to the key milestones set forth in this attached PCN.

Should you have any issues with the timeline or content of this change, please contact the Intel Representative(s) for your geographic location listed below.

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