

LIPScan™ 3D scan SDK Release Note

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Revision History

Revision	Description	Date
1.1	LIPScan™ 3D Scan SDK v2.0.4	July 2026
1.0	LIPScan™ 3D Scan SDK v2.0.3	June 2024

Overview

LIPScan™ 3D Scan SDK v2.0.4

New:

- Automatic License Generation system
- New driver updated

Modified:

- License System

For detail information about the items on the release note, contact info@lips-hci.com.

Features

1. Automatic License Generation System

LIPScan™ 3D Scan SDK introduces a device licensing system that obtains license numbers through a web service. Developers can request licenses without waiting for manual processing by LIPS Corp., streamlining the licensing workflow.

2. New driver updated

LIPScan™ 3D Scan SDK enhance the stability and performance through the new driver update.

LIPScan™ 3D Scan SDK v2.0.3

New:

- New licensing mechanism
- Support for LIPSedge™ AE430 / AE470

Modified:

- Enhanced LIPSedge™ L210 support with LIPSedge™ L210 SDK v2.4.4.3_v1.6.4

LIPScan™ 3D Scan SDK v1.4.1

Modified:

- Updated the camera initialization API with an error prevention mechanism that when the 'camera.json' fails to open during initialization, an exception wouldn't be thrown from the boost library.
- Fixed the issue that the LIPScan3D™ Scan SDK fails to dynamically load the LIPSedge™ L series camera DLL file in debug mode
- Upgraded IDE from Microsoft Visual Studio 2017 to Microsoft Visual Studio 2019.
- Upgraded OpenCV version from 2.4.11 to 4.5.5.
- Merged the boost library version of the mesh model comparison API and camera configuration file analysis API from v1.64.0 to v1.69.0.

LIPScan™ 3D Scan SDK v1.3

New:

- Support for LIPSedge™ L210u / L215u
- Support Mesh Model Differences Analysis
- Mesh Model Surface Smooth Optimization

Modified:

- Sample program menu

LIPScan3D Scan SDK v1.2

New:

- Support for LIPSedge™ AE400 / 450
- Capability to detect different camera connected in runtime
- LIPScan® 3D API extension for camera and 3d reconstruction

Modified:

- Updates for LIPSedge™ AE series / Intel® RealSense™ D400 series SDK
- File size optimization
- High resolution parameter optimization
- Mesh smoothing optimization

LIPScan3D Scan SDK v1.1

New:

- New 5-minute trial mode for users without a license or with an error license
- Pop-up message to terminate the example application when the trial mode expires

Modified:

- Pop-up message reminder when the camera is disconnected for over 15 (seconds)
- Pop-up message reminder to terminate the example application when the camera is disconnected for over 15 (seconds)

LIPScan3D Scan SDK v1.0

New:

- Support for Intel® RealSense™ D415 / D435 / D435i / D455
- New camera configuration API
- New 3D scanning / reconstruction configuration setting API

Modified:

- Example application configuration settings