

RS7 1.4.4 Release Note

Issued: July, 2026

The release note describes changes made since V1.3.5

► Upgrade procedure

There are two ways to upgrade the new firmware:

- Upgrade the firmware through the SmartGo Neo software.
- Upgrade the firmware by moving the upgrade file into the root directory of RS7. The steps are as follows:
 1. Put "update_rs07_v1.4.4_b20260630.bin" file into the root directory of RS7;
 2. Power on the device and wait for 5 minutes. During the firmware upgrade, the indicator light will flash red. Once the blue light remains solid, the firmware upgrade is complete
 3. Check whether the firmware version is successfully upgraded to "V1.4.4" in SmartGo Neo software;

Note: The battery level must be more than 30% during the upgrading

With respect to detailed updates, please refer to the "M3D Product Technology Introduction_RS7" document; you can obtain it via the link below.

■ **NOTE** - The battery level must be more than 30% during upgrading.

► Improvements

- Optimized LiDAR data structure, reducing raw project data size;
- Optimized camera effect files, improving colorized point cloud and model effects;
- Fixed the issue of data upload to CoCloud failing under certain Wi-Fi networks;
- Fixed the occasional collection crash during long-duration acquisition;
- Fixed other known issues;

► Download link

Firmware Download link: <https://chcnavigation.jianguoyun.com/p/DbhlSLgQ4vqeDBj12aMGIAA>

► Additional information

Learning resources: To learn more about features and how to get the most out of the software, visit the resources below:

Update: <https://chcnavigation.jianguoyun.com/p/DRC9GokQ4vqeDBjF8qMGIAA>

For more information, please contact support@chcnavigation.com.