

## **V8.0-21/9/2024**

### **1. Point Cloud Classification**

- (1) Optimize the classification effect of tower, power line and buildings categories of distribution network data.
- (2) Optimize the classification processing flow and improve classification efficiency.

### **2. Mark Tower**

- (1) Optimize the function of marking towers in the distribution network.
- (2) Optimize the function of importing KML tower files.
- (3) Optimize the function of calibrating tower points and support the correction of tower point elevation values based on unclassified point clouds.

### **3. Distribution Network Inspection and Fine Inspection**

- (1) Added automatic saving function for scheduled flight routes.
- (2) Optimize the configuration function of tower information, add a display item for tower type diagrams, and support the generation of custom tower type diagrams.
- (3) Optimize the automatic recognition of part points to improve recognition accuracy.
- (4) Optimize the functions of generating distribution network routes and merging/splitting routes.
- (5) Optimize the editing of waypoints and the display of flight routes.
- (6) Optimize the route safety analysis function to improve processing efficiency.
- (7) Optimize the function of exporting DJI KMZ format flight routes.

### **4. Other**

- (1) Add a quick access toolbar.
- (2) Added LiData batch conversion Las function.
- (3) Optimize the automatic hanging of insulators and batch vectorization of conductors based on insulators for distribution network data.

5. Fix some known issues.

6. Upgrading this version requires synchronous upgrade authorization. Please contact technical support personnel for the upgrade.