

V9.0- 15/10/2025

1. Optimize the classification effect of point clouds in the main and distribution networks.
2. Mark Tower
 - (1) Optimize the function of marking towers in the distribution network.
 - (2) Optimize the automatic extraction of tower points function.
3. Fine Inspection
 - (1) Optimize the configuration function of tower types and preset 43 types of tower configuration information.
 - (2) Optimize the accuracy of component point recognition and add AI-based automatic batch extraction of component points function.
 - (3) Optimize the automatic route generation function and add a batch route generation function based on models.
 - (4) Optimize the function of editing waypoints.
 - (5) Added automatic optimization function for route safety.
 - (6) Optimize the function of exporting routes in DJI KMZ format.
4. Add Substation Inspection Route Planning Module
 - (1) Ledger import, creation, editing, and retrieval.
 - (2) Mark component points and automatically generate routes.
 - (3) Automatically adjust waypoint safety.
 - (4) Freely combine existing waypoints and automatically generate obstacle avoidance routes.
 - (5) Generate new routes based on the ledger and existing routes.
 - (6) Support loading 3DGS data for route planning.
5. Other
 - (1) Optimize the functions of automatic hanging of insulators and batch vectorization of conductors based on insulators.
 - (2) Optimize the detection result list function.
 - (3) Add LiCloud module.
6. Fix some known issues.