eQart®

BY

FLEXQUBE®

eQart software release 2.3.0

Firmware updates

- Image Processing logic changed:
  1. Normal masking of colour will be done first
  2. If no contour detected, then colour enhancement will be done

- On IDLE state and at least of 30 min interval SSHD processes will be killed in processor

- Feedback command implemented on successful clearing of diagnose log

- Skip logic added before switching colour between station colour and main colour.

- In line follow the minimum movement speed to both motors given to prevent Lidar triggering the error and stopping the eQart

- In parking colour, Lidar's warn-2 zone will be removed if detected.

- In communication socket timeout issue handled while eQart is in mission and fixed degree rotation process

- During fixed degree rotation if cart completed rotation, then it won't start again until idle commands are received

- For mapping line end will be decided after around 30 cm

Application updates

- Bugs

- Implemented Switch user functionality.

- Updated force update firmware function.

- Faulty map detection functionality added.

- Window view of map will be shown while selecting station in mission.

- BLDC firmware support and update added.

- Changed "flic" button name to "Flex" button name.

- Back button added during dialog box of flic during mission to abort the running mission.

- Solved flic rename with "????" issue.

- Validation added for flic button when creating mission.

- Back button enabled during dialog box of "Map not as per standard" in mapping.

- Handled app crash in one case, while force update firmware.

- Solved the bug related to lowest block in a mission can't be deleted due to scrolling issue.

- Implemented function to remove mission abort message on click only.

- Added new function to display countdown timer of wait time in mission when running WAIT block.

- Show "line not detected" message when creating map and line not found.

- During wait function block in mission, if brake is triggered and not released till next block then mission was aborted due to end of line detection, solve this issue.

- Battery percentage block was not running after pressing tablet dialog in mission, implemented changes to solve this.

- Implemented function to solve the false line detection issue in app, on pause/stop line follow, get line detection data from cart.