

# QUANTUM SYSTEMS



Dear Partner,  
we always strive to let our customers benefit from the newest soft- and hardware improvements. Therefore, we would like to inform you that there is a new release coming today, July 02<sup>nd</sup> 2024.

## Trinity F90+ | Autopilot | Firmware 2.3.0.80

### General

- Improved actuator current check before takeoff
- Prevent launch if sticks are not centered
- Handle magnetometer fault during takeoff with explicit user notification
- Stay in automatic flight mode when manual stick inputs are frozen / faulty
- Improved reaction to airspeed sensor fault
- Climb angle limitations if only rear motor can be used
- When mission is continued from a higher altitude, only descend down to mission altitude when mission is reached
- Landing altitude correction in case of GNSS drift
- Improved altitude control in hover

### Bug Fixes

Prevent too early shutdown if hovering in strong updraft conditions



The highest level of flight safety can only be achieved with the latest software release. Therefore, Quantum Systems can only offer warranty if the UAV and QBase are up to date as soon as an update becomes available. If you have any questions please contact the Quantum-Systems support.