

# Beta Firmware Release Notes

---

Release Date: 2015.09.22

## Overview:

Beta Firmware for Guidance updated to: 1.3.7

Beta Firmware for Guidance SDK software updated to: 1.1.0

## Enhancement:

1. Add API function to read camera calibration parameters.
2. Add API function to read disparity image. Now developers can read disparity and depth images simultaneously.
3. Add API function to set the mode and parameters of camera exposure.
4. Output disparity and depth images in standard mode, as long as the obstacle sensing function is not activated.
5. SDK software waits for ready signal from Guidance Core during initialization.
6. Fix the bug of the velocity and IMU frequency changing with image frequency.
7. Fix the bug of not outputting quaternion when not connected to N1 flight controller.