

CHC i80 Firmware 1.5.5 Release Note

Introduction

The improvements and modifies described in this note are made since version 1.4.24 to the following CHC i80 GNSS receivers:

i80 PN: 1180020035122

i80 Satel PN: 1180020031121

With this release, all above receivers can use version 1.5.5 firmware.

New features

1. Fully optimize i80 work mode method and improve performance with LandStar 7;
2. Support edit default NTRIP or APIS IP function. User can edit via 192.168.1.1/set_en.html to upload config file.
3. Support Turkish and Spanish for panel and web interface display;
4. Support upgrade receiver firmware via LandStar 7.2 in handheld with WiFi connection;
5. Support distinguish 3G LAN and WAN to improve 3G module stability with NTRIP protocol;
6. Support display of RTK base information in i80 display. Now i80 will display the base coordinates used in RTK and approximate distance on LCD display;
7. Support switch WiFi Client function. Now i80 can switch WiFi client mode and access point mode manually. WiFi client function needs i80 USB cable to work with;
8. Support upgrade CHC radio firmware via i80 web interface;
9. Add more dial states for GPRS module, which will be easier for problem shooting;

Modified functions

1. Modify i80 IO TCP and NTRIP protocol in same;
2. Update i80 antenna as NGS antenna calibration result;
3. Optimize parts of LCD display contents;

Fixed bugs

1. Fix bug that initialize OEM board failed when first boot;
2. Fix bug that GPRS module dial on failure in some situations;

