WS80 Firmware V1.3.1 Upgrade 2025-04-16
1. Fixed some bugs.

WS80 Firmware V1.2.9 Upgrade 2024-09-23
1. Optimize the ultrasonic sensor for wind speed measurement.
2. Optimize the wind speed algorithm to enhance accuracy.
3. Add a feature to switch the RF LED light ON or OFF by pressing the CAL button three times.

WS80 Firmware V1.2.8 Upgrade 2024-04-15
1.Optimize wind speed measurement. To ensure accuracy with the upgrade, a recalibration to zero is required for it to take effect.

2023.01.20:   V1.2.4
Optimize low/no wind speed detection algorithm.

2022.05.17：   V1.2.2
Optimize wind speed measurement algorithm.
Optimize gust speed data handling algorithm to have more stable output.
adjust light sensor gain.
Boot loader changed so that USB port can be used for possible factor write control.

2022.03.02: V1.2.1
1. FSK chip bus driver optimized to achieve better performance.
2. An correction to wind speed at SE or NW direction for better wind speed accuracy
3. Sensor ID generation Alogorithm improved.

2021.12.23: v1.2.0 There is a possible I2C data bus conflict can happen due to working window time overlaping related. we optimized the bus driver. Those customer that has temperature/humidty data problem should be eccouraged to upgrade. This fix is working for SHT40 sensors used. So those with STH30 sensor is not necessary.

2021.09.09: v1.1.8 During rain time, sometimes abnormal wind speed was detected due to water accumulation influence to the hardware.

We improved the signal qualification process and have the data filtered more precisely for those untable siganl influence.

The new firmware has been tested in Australia and New Zealand during raining time and heavy wind condition, and after about two weeks testing, there is none error wind data detected. So we believe this version solved this problem in a very good way.