Dendrometer Overview

We saw the need for a small LoRaWAN-Node that could measure a dendrometer like the DC4 from Ecomatik. Because of a planned journey to Tambopata, one of the tower sites where a need for dendrometers is, the time to develop the first prototype was limited. So these were the given goals:

- Only as big as it really needs to be
- Compatible with the Ecomatik DC4
- LoRaWAN
- Use as many off-the-shelf parts as possible

After 5 working days (not consecutive) we had a prototype ready. The first test was made at Eric Cosio's lab at the PUCP in Lima.



Fig. ##

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Last update: **2022/10/11 04:58**