

New rain sensor for the CloudWatcher – September 2017

For the last 8 years we have been using a rain sensor manufactured by an Italian company, Telecontrolli, that sadly closed this earlier this year.



In order to keep up with the demand, we've had to develop a **new rain sensor**, that started to be fitted in new units starting this month. In case of doubt, these new units are blue (see the image).

While the new sensors are performing great so far, and are actually more sensitive than the older ones, the calibration is not uniform, so they require a bit of user help, to determine the dry / wet / rain limits.

To do so, just place your CloudWatcher over a table, connect the software, and make sure the rain sensor is dry – do not touch its surface with your bare fingers.

Now note the rain sensor reading.

With a stick, the tip of your pen, or similar, place a small drop of water on the surface of the sensor. Wait a few seconds and take note of the new reading. Should be 100 or so lower than the previous one.

Now place 2 or 3 big drops of water, wait a bit, take note again. Now the value should have dropped quite a lot (thousands).

To configure the software, use a value between the first (100% dry) and the second as the limit (dry >), and a value between the second reading (with the small drop) and the third one (lowest value) as the “wet more than” value, and, lastly, 0 as the “rain more than”.

