

What is the storage capacity of the eWON?

The historical data capability of eWON is depending of the memory configuration. This memory size could be 16384 points, 73728 points or 139264 points.

You can change the memory configuration of the eWON to allow bigger storage capability. But be aware that a memory configuration modification will engender a complete reset of the eWON configuration at reboot. (see chapter 3.3.4.5.1 Memory Config of the [General Reference guide](#)).

All the recorded Tags share this memory space. So consider that all the historical data is stored in one flat file and not one file per Tag.

But, how long, in time, can data be recorded before circularize this memory (and loose points if data wasn't read) ?

- You can easily calculate it if you record tag on a fixed time base.
Simply divide the memory size by the number of recorded tags and multiply by the Logging Interval to have the numbers of seconds before recircularization.
If I have 2 tags recorded every 30 seconds: $(139.264 / 2) * 30 = 2.088.960$ seconds -> 24 days
- If you record the tag on "Logging Deadband" so not on a fixed time base, then you have to take into account the worst case: every time the Tag is polled the data will be stored. So you have to take the poll rate of the Tag into account.
If I have 2 tags polled every 1 seconds: $(139.264 / 2) * 1 = 69.632$ seconds -> 19 hours

Revision

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