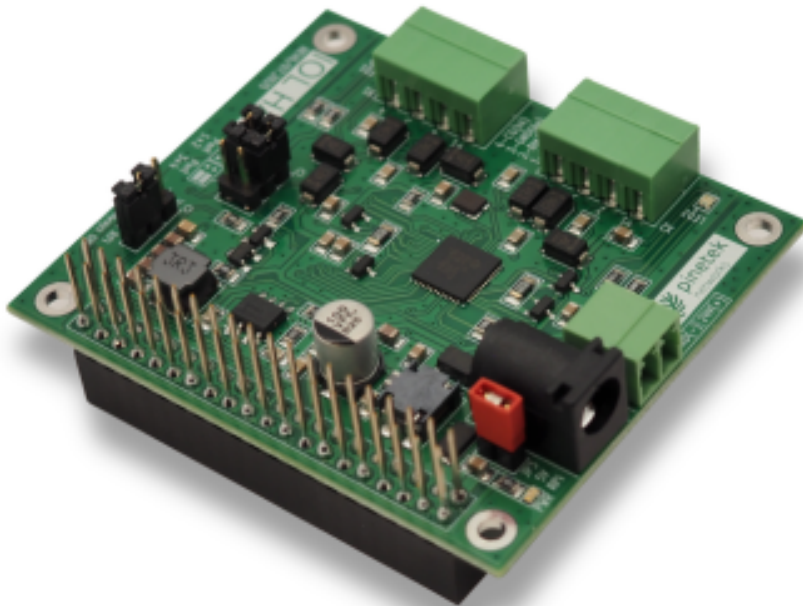


# 6 SQLite Database

Application Manual

[www.pinetek-networks.com](http://www.pinetek-networks.com)





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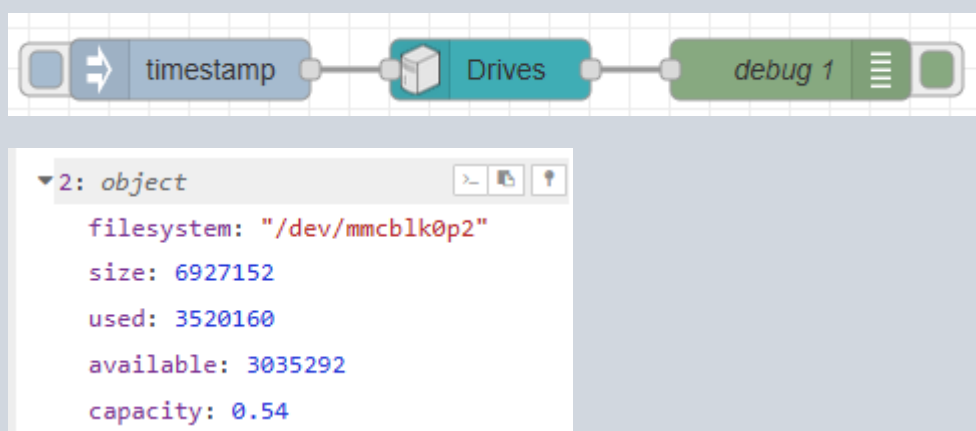
## 6 SQLite Database

The Pinebox is equipped with a pre-installed SQLite database: <https://www.sqlite.org>

This section describes how the SQLite database is accessed from Node-RED and how the frontend can be accessed over the web interface.

Please note that the storage on the Pinebox is limited. The Pinebox is equipped with an internal eMMC, to many write cycles may eventually damage the memory.

You can install the node `node-red-contrib-os` via the palette manager to get an overview on the consumed disk memory with the "Drives" node:



The screenshot shows a Node-RED flow with three nodes: 'timestamp', 'Drives', and 'debug 1'. Below the flow, a console window displays the output of the 'Drives' node, which is an object with the following properties:

```
2: object
  filesystem: "/dev/mmcblk0p2"
  size: 6927152
  used: 3520160
  available: 3035292
  capacity: 0.54
```

It is recommended to wipe old data from the database, if it is no longer needed.