

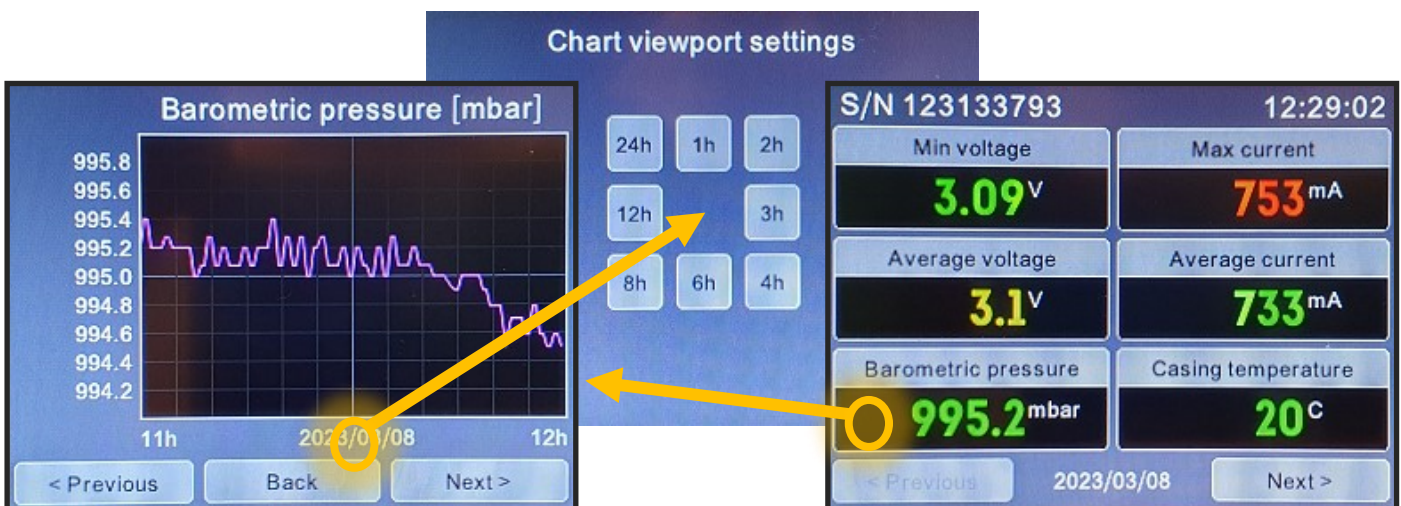
ML-COVER-TFT 3.5" colour display



The ML-x17 data logger is available with various power supplies, where the power supply PCB is integrated in the cover and separated from the main PCB, so switching to a different type of power supply is a matter of swapping lids.

Its also possible to equip an ML-x17 data logger with a cover that has a power supply PCB as well as an integrated 3.5" resistive touch colour TFT display (320x240 pixels). The display is used for displaying actual values and historical data as graphs, its not meant for configuration purposes.

The ML-COVER-TFT is not designed for outdoor use.



Features

- Display actual values of 6 parameters simultaneously in a matrix of 3 rows and 2 columns.
- Display actual values of additional parameters by stepping through available columns.
- Pop-up historical data as graphs by touching parameters
- Step through historic data per viewport page (default: 24h)
- Selectable viewports: 24h , 12h, 8h, 6h, 4h, 3h, 2h or 1h.
- Switch display on/off with a mechanical push button.
- Configurable auto power down delay (default: 60s).

Power supply (various editions, batteries not included)

- **(3)LI** : (3x) 3.6V D-Size SAFT-LSH20 Lithium battery
- **LFP** : 4x LLiFePO4 16650 charger and 21VOC solar panel input
- **SLA** : 12V SLA battery charger and 21VOC solar panel input
- **DC** : 8..28V DC input and integrated 3x AA NiMH charger

Display

- Size: 3.5" TFT-LCD (70x 52.6mm)
- Resolution: 320x240, Colour depth: 18bit.
- Brightness: 300 cd/m2, Contrast: 400:1
- Backlight type: LED, backlight life: 30.000 hours
- Viewing angle: 60° horizontal & 50° vertical
- Resistive Touch Screen

Power consumption

- 400mA@5V when switched-on.
- None when switched-off.

Enclosure

- IP54, 130x120x40mm, 250g (~300g with power supply PCB).
- UV stabilized polycarbonate.
- Wide temperature operating range -30°C to +75°C

Data acquisition systems to monitor off-grid or hard to reach locations.
Your Data Our Care B.V. — The Netherlands