

Data sheet:

Motherbox 2



Article no.: 50502

This article has been replaced by the expanded successor model Motherbox 3.

Measurement data concentrator for Web-I/Os

Use the Motherbox to **archive measurement data** from any number of analog and digital Web-I/Os, as well as Web-Thermographs. Simply specify an individual interval for each available measuring point in the network at which you want the current measuring data to be automatically queried and archived in the **MySQL database** contained in the Motherbox.

Properties

General function

The cyclical polling of the Web-I/Os allows a consolidated measurement database to be created in the Motherbox. In the browser you can view archived measurement data or directly access the measurement database via the MySQL interface or FTP export for migrating the measurement data to your application .

Use the Motherbox as a visualization server. Use the integrated **Site-Creator** with **drag-and-drop** to create Web-based **visualization and control pages** for Web-I/Os.

The internal web server also allows you to **upload your own web pages** , which enables creation of web-based applications. For example you can prepare and display archived measurement data for a specific application.

General information

- **NEW!** Create Web-based **visualization** and **control pages** for Web-I/Os with the **Site-Creator** using drag-and-drop.
- **NEW!** **MySQL database** with measurement values from any number of Web-I/Os directly in the box
- Inventorying of Web-I/Os per **web-based WuTility**
- Combine various Web-I/Os in measurement data profiles and **create application-specific** overviews
- **Use a web server for your own applications** and upload web and PHP pages to the Motherbox
- Run your own **C/C++ programs** and **PHP scripts** time- and event controlled
- **750MB for user files** (measurement database, user Web and PHP pages, etc.)
- Thanks to **web-based management** complete configuration and control using your browser
- Secure transmission using **HTTPS encryption**
- Combination of multi-color LED and button for **system status** and device reset
- Energy consumption **<2.0W** at full system load
- Online **switching of the system language** between German and English
- **Conforms to standards both in office and industrial environments:**
 - High noise resistance per EN 61000-6-2
 - Low noise emission per EN 55032:2015 + A1 Cl. B, EN 61000-3-2 & EN 61000-3-3
- **5 year guarantee**

Network	10/100BaseT autosensing autocrossing
Connections	1 x network (RJ45) 2 screw terminals for power supply (alternative to PoE)
LEDs / Buttons	System status using multi-color LED Current network speed and data transfer Manual device reset
Supply Voltage	Power-over-Ethernet (PoE) 24 ... 48V DC (+/-10%) using screw terminals
Current draw	60mA @ 24V 40mA @ 48V
Temperatures / Relative humidity	Row mounting: 0 ... 65°C Non-row mounting: 0 ... 70°C Storage: -40 ... 85°C 0 ... 90% RH, non-condensing
Housing / Weight	Plastic compact housing (105 x 75 x 22mm) Integrated DIN rail mount approx. 140g
Processor / Memory	Marvell 88F6180 NAND Flash: 1 GB DDR2: 128MB
Operating system	BusyBox: v1.23.2 Linux, Kernel: 3.14.43
Installed software	FTP server: vsftp v3.0.2 Web server: lighttpd v1.4.35 SMB server: Samba v3.6.25 PHP interpreter: v5.5.25 MariaDB: v5.5.42 SQLite: v3.8.5
Scope of delivery	Motherbox 2 Quick start manual W&T Product CD



[We are available to you in person:](#)

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