

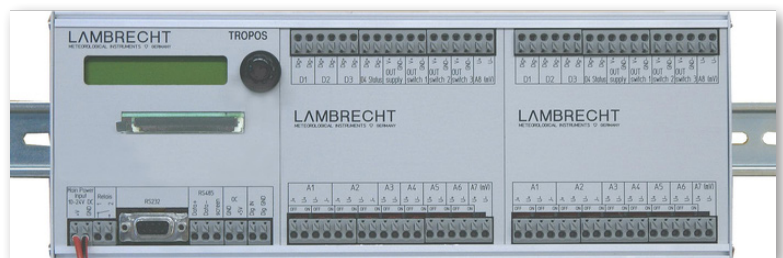
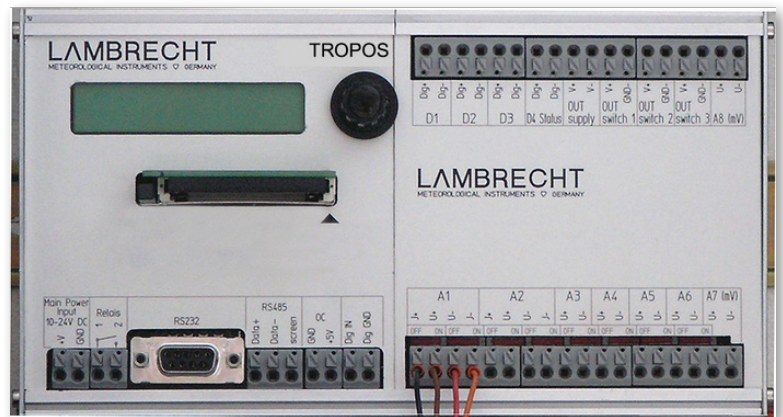
# TROPOS Data Logger

The TROPOS is a simple, yet sophisticated electronic data logger for receiving and processing meteorological measurement values. The TROPOS is available in 3 different varieties in order to provide maximum flexibility. Data is transmitted to TROPOS through weather monitoring sensors that are linked to it. This data is then stored on a compact flash card (CF) within TROPOS, and can also be viewed on the LC display in real time. TROPOS has a storage capacity on the CF card for around one year on average. Data transfer is possible by means of the CF card, or via RS 232 to a PC or laptop. Optional items can also be used including RS 485, GSM, and telephone and radio modems.

There are three different models of the TROPOS; The TROPOS-100, which can connect to one weather sensor, the TROPOS 112, which can connect with up to twelve sensors, and the TROPOS 124, which can connect with up to twenty four different sensors. No matter what your level of meteorology is, there is a TROPOS data logger that fits your needs.

## Features

- Cost Efficient, State Of The Art Technology
- Compact Data Acquisition
- Simple Top Hat Rail Mounting
- Compact Flash Card As Central And Mobile Storage Medium
- Data Transfer Via RS 232, RS 485 (Optional) Or With Other Well Known Modem Types
- Simple System Configuration Using The TROPOS COMMANDER Software
- Modular System For A Number Of Classical And Professional Applications
- Main Or Solar Power Supply
- Operation By Means Of A Push / Rotary Switch, LCD And Intuitive Configuration And Read Out Software



### **TROPOS 124 Specs**

Output:	4 Outputs For Sensor Power Supply: 3 Of Which Are Switchable • 1 Relay For Switching Of A Communication Device (Modem) • 1 Open Collector Output For Precipitation Impulses
Measuring interval:	Easily Adjustable • For Single Values Per Channel • For Average And Extreme Values Globally
Supply voltage:	10 - 24 V
Power consumption:	~0.7 W (12 V) (Online Mode) • ~0.5 W (12 V) (Logger Mode)
Storage capacity:	For 1 Year • Data Storage On Compact Flash Card (CF Card)
Data transfer:	Mobile And Wireless Via CF Card • With Cable Via Interface RS232 Or Optionally Via GSM Modem • Telephone Modem • Radio Modem • RS485 (Optional)
Data evaluation:	Proven And Easy To Operate PC Evaluation Software “MeteoWare...” (Option)
Display:	Easy To Read • 2 Lines • 16 Characters

### **TROPOS 100 Specs**

Output:	1 Open Collector
Measuring interval:	Easily Adjustable • For Single Values Resp. For Average And Extreme Values
Supply voltage:	10 - 24 V
Power consumption:	At 10 Minutes Average ~ 0.036 W (12 V) • At 1 Minute Average ~ 0.12 W (12 V)
Storage capacity:	For 1 Year • Data Storage On Compact Flash Card (CF Card)
Data transfer:	Mobile And Wireless Via CF Card • With Cable Via Interface RS232 Or Optionally Via GSM-Modem • Telephone Modem • Radio Modem • RS485 (Optional)
Data evaluation:	Proven And Easy To Operate PC Evaluation Software “MeteoWare...” (Option)
Display:	Easy To Read • 2 Lines • 16 Characters

Additional Lambrecht Products Available. Please Call For Details.