

# MISCELLANEOUS DEVICES

## Mevis Full Version

**Part number: 9.1796.50.xxx**

The acquisition and processing of data from the most different environmental measuring systems require a safe filing, graphical display, further processing of compact data within word processing systems, transmission to other working places and so on. These are standard requirements of a modern software.

The measuring acquisition-, processing- and information system MEVIS covers the functions for implementing station processors, processors for measuring vehicles and meteorological network centres.

What is important with this software?

The Thies dataloggers supply all measured data for transmission, analysis, display and documentation.

Thies makes use of the software Mevis T-light, especially programmed for meteorological applications.

The program runs under Windows™. The user surface is well-known and easy-to- use. The measured values can also be processed in other programs.

In short: Mevis under Windows is a special software with common standard applications - thus easy to use.

The Mevis full-version feature a handling for up to 99 stations, as well as extensive text and graphic report functions, etc.

### Functions

#### Connection PC-datalogger

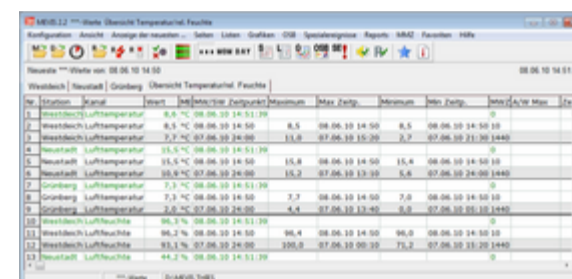
- Cable (max. 99 stations) via all serial interfaces
- Modem (max. 99 stations) via all serial interfaces

#### Acquisition::

- max. 99 components (channels per station)
- mean values (sums)
- extreme values

Depending on the connected datalogger system MEVIS light can calculate and display the following additional values:

- Linking (+-x./.)
- Rel. humidity
- Dew point
- Absolute humidity
- Mixing ration



Station	Brand	Unit	Temperature	Humidity	Pressure	Max. Temp.	Min. Temp.	Max. Hum.	Min. Hum.	Max. Pres.	Min. Pres.
1	Westdeich	Lufttemperatur	6,5 °C	08.06.10 14:51:39	0						
2	Westdeich	Lufttemperatur	8,5 °C	08.06.10 14:50	8,5	08.06.10 14:50	8,5	08.06.10 14:50	0		
3	Westdeich	Lufttemperatur	7,7 °C	07.06.10 24:00	13,0	07.06.10 13:30	3,7	07.06.10 21:30	1000		
4	Neustadt	Lufttemperatur	10,5 °C	08.06.10 14:51:39	0						
5	Neustadt	Lufttemperatur	15,5 °C	08.06.10 14:50	15,8	08.06.10 14:50	15,4	08.06.10 14:50	0		
6	Neustadt	Lufttemperatur	10,4 °C	07.06.10 24:00	15,7	07.06.10 13:30	5,6	07.06.10 24:00	1000		
7	Grünberg	Lufttemperatur	7,3 °C	08.06.10 14:51:39	0						
8	Grünberg	Lufttemperatur	7,3 °C	08.06.10 14:50	7,7	08.06.10 14:50	7,0	08.06.10 14:50	0		
9	Grünberg	Lufttemperatur	2,6 °C	07.06.10 24:00	4,4	07.06.10 13:45	0,0	07.06.10 03:30	1000		
10	Westdeich	Luftfeuchte	66,7 %	08.06.10 14:51:39	0						
11	Westdeich	Luftfeuchte	66,7 %	08.06.10 14:50	66,4	08.06.10 14:50	66,0	08.06.10 14:50	0		
12	Westdeich	Luftfeuchte	63,1 %	07.06.10 24:00	100,0	07.06.10 00:30	73,2	07.06.10 13:30	1000		
13	Neustadt	Luftfeuchte	44,2 %	08.06.10 14:51:39	0						

- Air pressure QFE, QFF, QNH
- Evaporation acc. to Haude, Richter or Wendling
- Wind-chill
- Perceivable temperature
- Sunshine duration
- Wind velocity component
- Daily mean temperature acc. to DWD/German Weather Service (from 3 or 4 values)
- Flow at weirs acc. to Swiss Standard
- Heating degree days
- Sunshine
- Direct solar radiation
- Diffuse sky radiation
- Sunshine duration from daily mean value of global radiation

Presentation of measuring values

Graphics

- Graphic 4 in 4 (four measuring values in four diagrams)
- Graphic 4 in 1 (four measuring values in one diagram)
- Diurnal cycle 4 in 1 (four time-slice-mean value over one day in four diagrams)
- Diurnal cycle 4 in 4 (four time-slice-mean values over one day in one diagram)
- Correlation
- Wind rose
- Report

Lists:

- 4 channel list (display of four measuring values in a list with date and time)
- extreme values
- station list
- report

Output of Graphics and Lists:

Via Windows driver and printer, plotter or in a file

Data export

- dBase (dBase IV data bank file)
- DVWK (special format for precipitation values)

## Specification

Part number: 9.1796.50.xxx

### Compatibility

Connectable instruments	all THIES data logger
System requirements	PC mit - Prozessor > 1 GHz - RAM > 1 GB

Operating system	<ul style="list-style-type: none"> <li>- Windows 2003 SP2</li> <li>- Windows Server 2008</li> <li>- Windows 7</li> <li>- Windows Server 2008 R2</li> <li>- Windows 7 SP1</li> <li>- Windows Server 2008 R2 SP1</li> <li>- Windows 8</li> <li>- Windows 10</li> </ul>
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<b>Software</b>	
max. stations	99
max. components per station	99
ASCII - import	available
MEVIS data path	configurable
automatical data export	available
Extentions	MEVIS viewer
Lizence protection	hardware dongle

## Versions

As per 9.1796.50.xxx, but:

**Product number 9.1796.50.000**

<b>Software</b>	
Language	German

**Product number 9.1796.50.001**

<b>Software</b>	
Language	English

## Accessories

No accessories are available for this product.

