

Mevis Light

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 WindowsTM. 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.

MEVIS T-Light offers all essential functions, however for max. 5 stations.

Functions

Connection PC-datalogger

- Cable (max. 5 stations) via all serial interfaces
- Modem (max. 5 stations) via all serial interfaces

Acquisition::

- max. 30 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
- 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: 9.1796.40.xxx

Compatibility

Connectable instruments

all THIES data logger

System requirements

PC mit
 - Prozessor > 1 GHz
 - RAM > 1 GB

Operating system

- Windows 2003 SP2
 - Windows Server 2008
 - Windows 7
 - Windows Server 2008 R2
 - Windows 7 SP1
 - Windows Server 2008 R2 SP1
 - Windows 8
 - Windows 10

Software

max. stations

5

max. components per station

30

ASCII - import

not available

MEVIS data path

fix, not changeable

automatical data export

only manually via dialog

Extentions

no

Lizence protection

intalledUser

Versions

As per 9.1796.40.xxx, but:

Product number 9.1796.40.000

Software

Language German

Product number 9.1796.40.001

Software

Language English

Accessories

No accessories are available for this product.

