

Exact localisation,  
worldwide data transmission

# MONI LOG<sup>®</sup> Tracking Module



- GPS receiver for connection to the MONI LOG<sup>®</sup> transport data logger
- Receives exact location coordinates via satellite
- When equipped with GSM modem, data transmission to users is possible
- Suitable for worldwide use
- Integrated SIM card reader, highly sensitive antenna
- Long operating time, stand-alone with integrated battery
- Compact, robust, compatible, flexible expansion

# MONI LOG<sup>®</sup> Tracking Module



The MONI LOG<sup>®</sup> Tracking Module is connected to a transport data logger such as the MONI LOG<sup>®</sup> ShockDisplay curve or the MONI LOG<sup>®</sup> EnDaL curve, and sends the current GPS coordinates to it. This localisation can be triggered by the logger due to impact recorded during transportation (event-related) or at configurable fixed time intervals. The data is saved in the logger and can be read using the well-known PC software SYCUR or ENCUR. The visualisation of the GPS coordinates takes place very clearly in all MONI LOG<sup>®</sup> devices with an internet connection to Google<sup>®</sup>Earth. The freight consignor or the user of the technology can thus exactly localise the site of any possible stresses occurring and conclusively track transport routes.

The MONI LOG<sup>®</sup> Tracking Module can optionally be equipped with a GSM/GPRS quad-band modem (850/900/1800/1900 MHz). Automatic frequency switching and web searching enable the device to be used worldwide. The data from the logger is thereby sent to the user by e-mail at preconfigured intervals. Further options can be additionally implemented at the client's request, such as the transmission of alarm and status reports by SMS, the transmission of data by FTP protocol to a client's server and also the integration of the data into an online database. Thanks to highly sensitive antennae available in different models (whip antennae, magnetic foot antennae, combined GPS/GSM models etc.) optimal reception according to the individual circumstances is guaranteed. The compact device is extremely energy efficient. With alkaline batteries of size C (R14) it also ensures operation during very long haulages over a period of months. Lithium batteries can also be used. Two RS-232 interfaces allow two data loggers to be connected. Thanks to the expandable RS-232 interface protocol the MONI LOG<sup>®</sup> Tracking Module can be used for the most diverse tracking and tracing applications through adaptation of the device firmware.

## Technik

Display and control elements: 1 function key and 3 LEDs

Power supply: 4 x batteries R14 ( size C ) alkaline or lithium type

Operating time: More than a year, dependent on reception conditions, battery type, configuration, temperature

Connections: 2 x RS-232 interfaces for connection with two measuring devices or PC for configuration  
Port for an external GPS antenna  
Integrated SIM card reader  
Optional port for an external GSM antenna

Case: Aluminium, IP 65 degree of protection  
dimensions 160x90x60 mm, weight 1.1 kg

Operating and storage conditions: -20...+75°C, max 98% relative humidity, no dew formation,  
For increased requirements please enquire about special models.

Mobile communications standard: E-GSM/GPRS quad-band 850 / 900 / 1800 / 1900 MHz

