



NivuLevel Mobile

Stand-alone system for reliable level measurements, recording and easy data transmission

ELECTRONICS

ACOUSTIC

WEIGHT

OVERLOADING
SAFETY SYSTEMS

VALVES

TEMPERATURE

DETECT
A FIRE®

FLOW

DENSITY

INTERFACE

PRESSURE

LEVEL



Monitoring measurements on measurement sites with insufficient infrastructure are no longer a problem with NivuLevel Mobile.

Measurements are reliably logged and transmitted via GPRS even if LAN and mains power are not available.

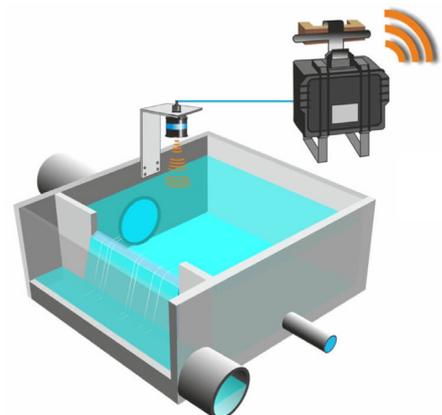
Intuitive up-to-date operation via web browser together with tablet, smartphone or notebook enable quick commissioning procedures. A quick start wizard guides through the most relevant parameter settings and the integrated modem transmits readings and system data automatically to the NIVUS web portal. In combination with the long battery life service visits and hence maintenance expenses can be reduced to a minimum.

Typical applications

- Event logging in stormwater treatment plants
- Level measurement in water bodies
- Level measurement in storage sewers

Benefits

- Automatic transmission of measurement data
- Power supply also for sensors
- Extremely long battery life
- Rechargeable battery can be easily replaced by operator
- Flood protection IP68 when locked, IP67 when open
- Operation via smartphone, tablet, etc.
- NIVUS SIM uses best available service network and includes free data transmission for 1 year



Technical Specifications

Investment-safe system from one source

NIVUS Web Portal



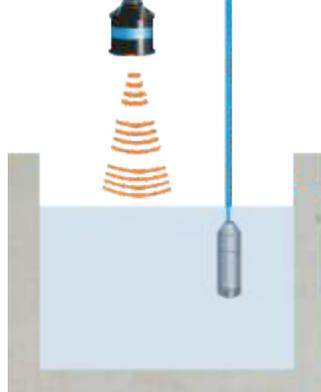
Measurement data free available according to IT security standards



Optimised transmission of data with multi-roaming SIM at fixed price

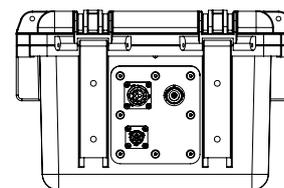
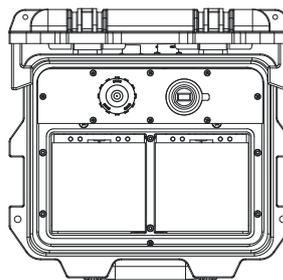
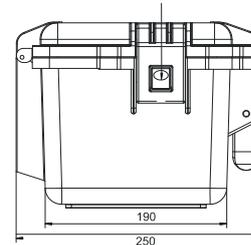
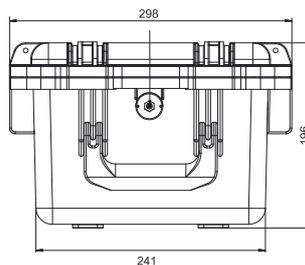


Robust logger with long battery life



Energy-optimised sensor systems

GPRS data logger



Dimensions in mm

GPRS DATA LOGGER

Power supply	<ul style="list-style-type: none"> • 1 or 2 rechargeable batteries 12V/15 Ah, lead gel • Charger 100 - 240 V AC / 50 to 60 Hz / 50 VA
Enclosure	<ul style="list-style-type: none"> • Material: HPX high-performance synthetic resin • Weight: approx. 4.7 Kg (without battery and hoop guards) • Protection: IP68 locked / IP67 open
Operating temperature	-20°C to + 50°C
Storage temperature	- 20°C to + 70°C
Display	Status LED (RGB)
Ex-Approval	Optional: II 2G Ex eb ib mb IIB T4 Gb
Operation	Wireless via integrated WLAN using tablet, smartphone, notebook etc. with standard web browser. No app installation required
Inputs	<ul style="list-style-type: none"> • 2x 0/4 - 20 mA (active) • 1x active digital input • 1x connection socket for battery charger or alternative power supply • Antenna socket
Storage cycle	5 sec. - 60 min, cyclic or event-based
Data memory	Internal memory, covering a period of 1.5 years at a measurement interval of 5 minutes
Data transmission	<ul style="list-style-type: none"> • Via plug-in USB stick • Via WLAN • Via GPRS, UMTS, LTE
SIM card	Standard slot with NIVUS SIM or for customer SIM card