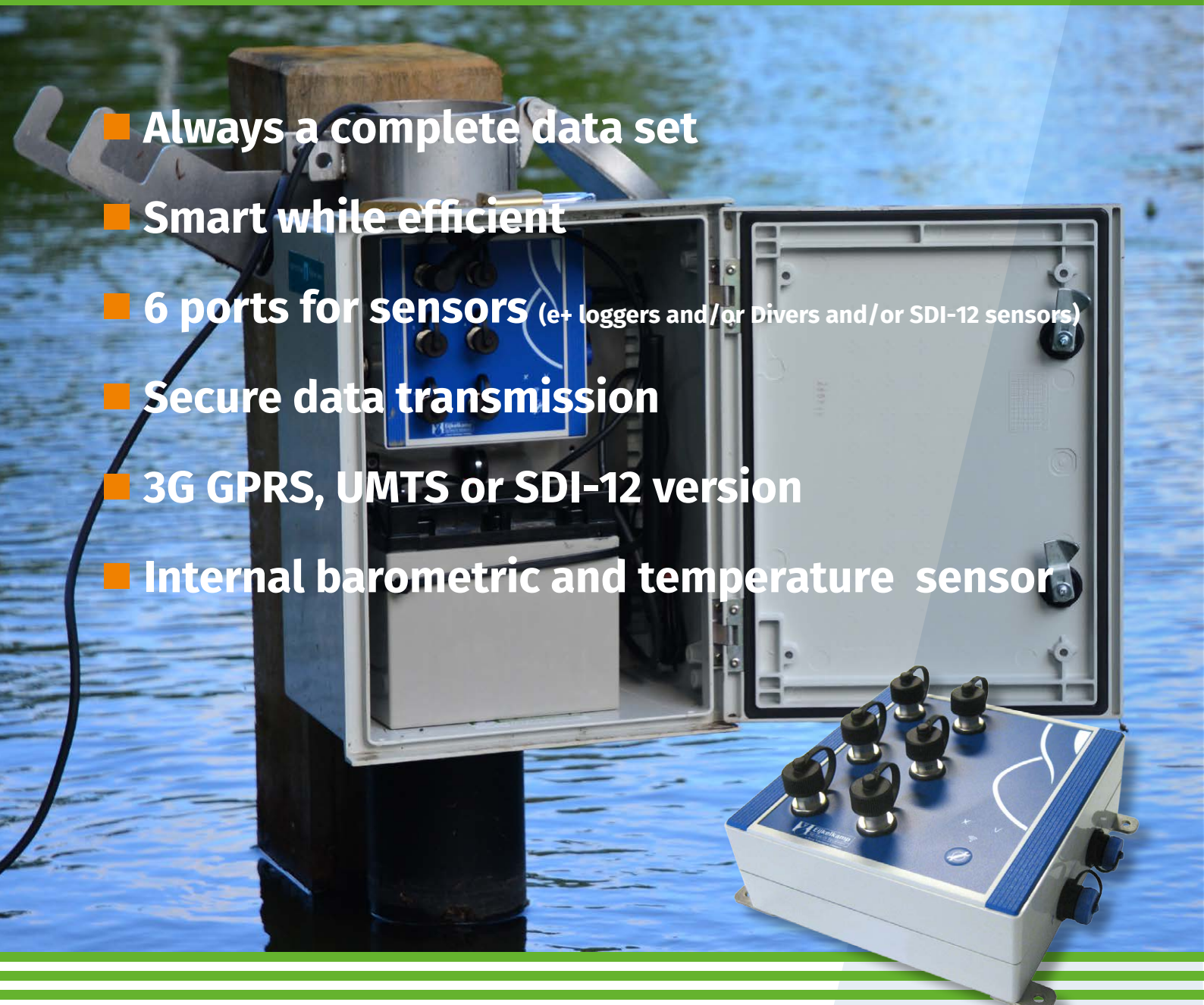




## Global Data Transmitter Multiple

*Transmit sensor data, remote, safe & worldwide*

- Always a complete data set
- Smart while efficient
- 6 ports for sensors (e+ loggers and/or Divers and/or SDI-12 sensors)
- Secure data transmission
- 3G GPRS, UMTS or SDI-12 version
- Internal barometric and temperature sensor



*Meet the difference*

# Technical data

## Mechanical specifications

Specification	Dimensions
Enclosure (LxWxH)	160 x 160 x 60 mm
Enclosure with M12-sensor connector and antenna connector (LxWxH)	Depending on connector type 250 x 160 x 110, 140 or 190 mm
Weight	
Global Data Transmitter (incl. battery pack)	approx. 1200 g
Materials	
Enclosure	ABS
Mounting brackets	Stainless steel

## Electrical specifications

Item	Specification
Battery pack (internal)	7.2 V
Power supply (external)	DC 5.5 - 18 V
Life time of the battery pack	> 3 years (at a 1 hour interval)
Maximum rated power usage	4.2 W (800 mA)
Modem time accuracy	better than 1 minute/day

## Connections

Messaging	Specification
Message mode	web portal, e-mail, SMS alarm, other
GSM	Quad band type (850, 900, 1800, 1900 MHz)
UMTS (optional)	2100 MHz
SIM card	Vodafone NL M2M *
Antenna connector	SMB connector
Sensor port	4-pin male connector (with possibility to connect a 5-pole contra connector), A-coded
External power connector	4-pin female connector, A-coded
USB port **	mini USB buccaneer type B receptacle

\* SIM card exchangeable by the user. The functionality of SIM cards other than Vodafone M2M is guaranteed only after the functionality tests are fulfilled by Eijkelkamp Soil & Water. Therefore it is advised to use tested SIM cards only.

\*\* For service purposes only

Integrated barometer sensor	Specification
Barometer measuring range	10 ... 1200 mbar *
Resolution	0.01 mbar
Accuracy barometer	± 2 mbar (at 300 ... 1100 mbar, 0 ... 50 °C)
Temperature measuring range	-40 ... +85 °C
Resolution	0.01 °C
Accuracy temperature	± 0.8 °C (at 25 °C) ± 2.0 °C (0 ... 50 °C)

\* 1 mbar is approximately 1 cmH<sub>2</sub>O

Antenna *	Specification
GSM	Quad band type (850, 900, 1800, 1900 MHz)
UMTS (optional)	2100 MHz
Connector	Bulgin buccaneer SMB (RG-174 coaxial cable)
Ingress Protection	IP67 or better

\* Other antenna types are available on request

Sensor ports	Specification
Number of sensor ports	6
Port 1 - 6	sensor (e+ logger or Diver) via sensor cable
In case of the GDT-M SDI-12	Port 1-4 SDI-12 sensors via sensor cable; Port 5-6 e+ and/or Diver via sensor cable

## Ambient conditions

Item	Specification
Temperature	-20 ... +50 °C
Ingression protection (enclosure)UMTS (optional)	IP67 (30 min.@1mH <sub>2</sub> O)
Max. operation height	2000 m

## Certifications

Item	Specification
CE	CE compliant
EMC / ESD	EN 61000-6-1, EN 61000-6-3

All information contained in this flyer is current at the time of publication. Our commitment to product improvement requires that we reserve the right to change equipment, procedures and specifications at any time.