Eijkelkamp
Soil & Water

NEW

GDT-S PRIME

Transmit sensor data, remote, safe & worldwide

- GPRS or UMTS version
- Internal barometric and temperature sensor
- Data available on Eijkelkamp web portal or e-mail
- Easy to link to your own web environment (through API)
- External antenna connection
- Powered with standard alkaline batteries
- Lithium battery pack for intensive use (optional)
- Real time alarms possible (flood control)
- Secure data transmission
- Plug and play

Meet the difference

Technical data

Mechanical specifications

Specification	Dimensions
Enclosure	Ø 48 mm, Ø top dop 60 mm, length 340 mm
	Weight
Global Data Transmitter-Single PRIME (incl. battery pack)	approx. 890 g
	Materials
Enclosure	Aluminium
Top cap	Synthetic, POM (Polyacetal)

Electrical specifications

Item	Specification
Battery pack (internal)	2 x D 1.5 V type / lifetime 3 years (typical)
Lithium battery (for intensive use)	3.6 V/35 Ah, Tadiran Lithium SL-2790S, Size: DD
Modem time accuracy	better than 1 minute/day

Connections

Messaging	Specification
Message mode	Web portal, e-mail, SMS alarm
Data encryption	AES
GSM	GPRS, UMTS or LTE
SIM card	Multinetwork SIM M2M* exchangeable
Antenna connector (external)	SMA connector
Sensor port	5-pin male connector (M12)

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

Integrated barometer and temperature 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$_2$O

Antenna	Specification
GPRS	Quad band type (850, 900, 1800, 1900 MHz**)**
UMTS	Five band (800, 850, AWS1700, 1900, 2100 MHz)
Connector	SMA Bulkhead

Sensor ports	Specification
Number of sensor ports	1
Port 1	Diver, e+ logger

Ambient conditions

Item	Specification
Temperature	-20 ... +60 °C
Ingression protection (enclosure)	IP68

Certifications

Item	Specification
CE	CE compliant
EMC / ESD	EN 61326-1: 2013

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.