



GPRS Data Logger And D2W Internet Portal



unlimited access to your data



Reporting

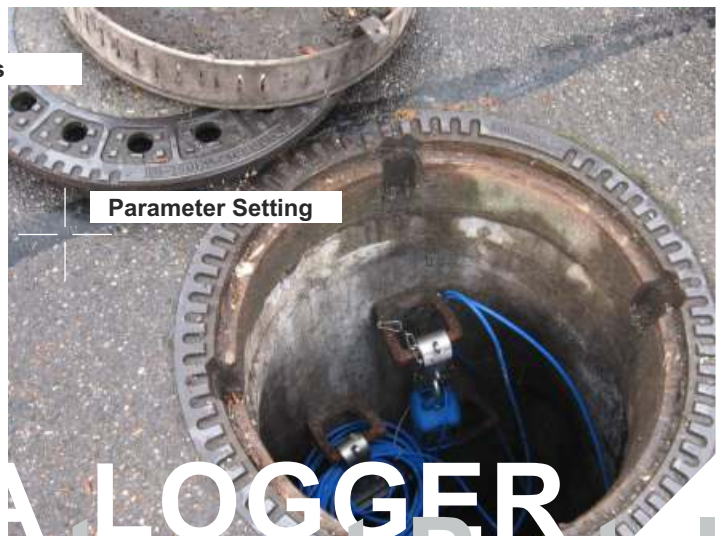
Limit Value Monitoring

System Monitoring



Alarms

Control



Parameter Setting

GPRS DATA LOGGER D2W Internet Portal

GPRS Data Logger

The NIVUS GPRS data loggers enable stand-alone operation of measurement places e.g. for level and tank monitoring, level measurement and limit level monitoring independent from mains power. Recorded data are transmitted to the D2W Internet portal using GPRS. Excellent energy efficiency, reliable and stable transmission of readings and the sturdy construction of the data loggers allow to establish an almost maintenance-free and cost-efficient measurement data network.

D2W Internet Portal - Device to Web

The "D2W - Device to Web" Internet portal is a comprehensive data management system saving the measurement data transmitted from the data logger via GPRS. Moreover there is a variety of options available for the direct analysis of measurement data, for system monitoring, forwarding of data and alarm functions .

GPRS Data Logger



GPRS Wireless



MicroPower Battery



Online Data Recording



Digital Input/Output



Analog Input/Output



Alarms



Flow



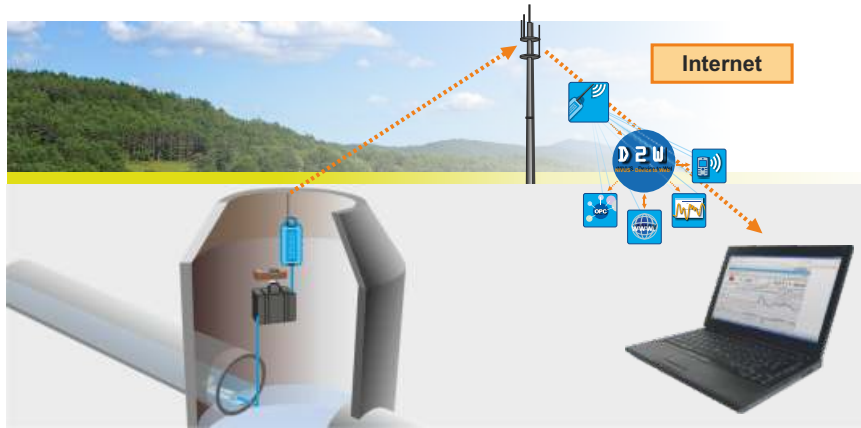
Level



Precipitation

Low-Power data logger with GPRS transmission to D2W Internet portal

- Unlimited access to your measurement data via Internet
- Extremely long battery life of up to 5 years
- For use in Ex zone 1
- Comprehensive possibilities such as remote parameter setting, alarm functions, monitoring and calculation of limit values via D2W - Device to Web Internet portal
- Stable and cost-efficient data transmission



NivuLog Easy
NivuLog Easy Sun



NivuLog 2 Ex



NivuLog 4



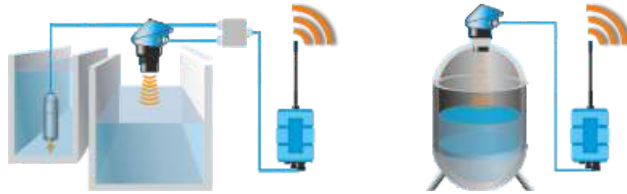
NivuLog PCM Ex



	NivuLog Easy NivuLog Easy Sun	NivuLog 2 Ex	NivuLog 4	NivuLog PCM Ex
Inputs	4 x analog / digital can be combined as required	2 x analog / digital can be combined as required	4 x analog / digital can be combined as required	Connection to PCM Pro
Outputs	1 x digital	-	-	-
Input configuration	0 - 20 mA, 4 - 20 mA, PWM, 0 - 2 V, 0-10 V, digital, day counter, interval and frequency counter	0 - 20 mA, 4 - 20 mA, digital, day counter, interval counter	0 - 20 mA, 4 - 20 mA, digital, day counter, interval counter	-
Sensor supply	15 V DC (66 mA) optional: 24 V DC (41 mA)	14 V DC max. 100 mA min. impulse length 20 ms	14 V DC max. 100 mA min. impulse length 20 m	-
Memory	50.000 cycles	440.000 cycles	440.000 cycles	440.000 cycles
Power supply	Standard or rechargeable battery pack or external power supply (5 - 32 V DC)	Standard or rechargeable battery pack	Standard or rechargeable battery pack	Standard or rechargeable battery pack
Measuring interval	From 1min. free configurable event-driven	From 1min. free configurable event-driven	From 1min. free configurable event-driven	From 1min. free configurable event-driven
Transmission interval	Wake up / online mode, event-driven; cyclic from 10 min. free configurable	Cyclic from 10 min. free configurable event-driven	Cyclic from 10 min. free configurable event-driven	Cyclic from 10 min. free configurable event-driven
Protection rating	Easy: IP 66 / Easy Sun: IP 68	IP 67	IP 67	IP 67
Dimensions (h/w/d)	Easy: 165/86/58 mm Easy Sun: 574/295/70 mm	240/100/100 mm	240/100/100 mm	240/100/100 mm



GPRS Data Logger



NivuLog Easy



Compact GPRS data logger with 4 inputs

- Extremely long battery life of up to 5 years
- Compact construction with integrated battery compartment
- Measurement channels can be configured via Internet portal
- Switchable sensor supply voltage
- Free adjustable measurement and transmission cycles
- Built-in measurement value memory
- Real-time synchronised via server
- Automatic transfer of previous settings at instrument exchange
- Very low costs for commissioning and operation

Typical applications	Level monitoring, level measurement in stormwater tanks, rain gauge, silo system monitoring



NivuLog Easy Sun

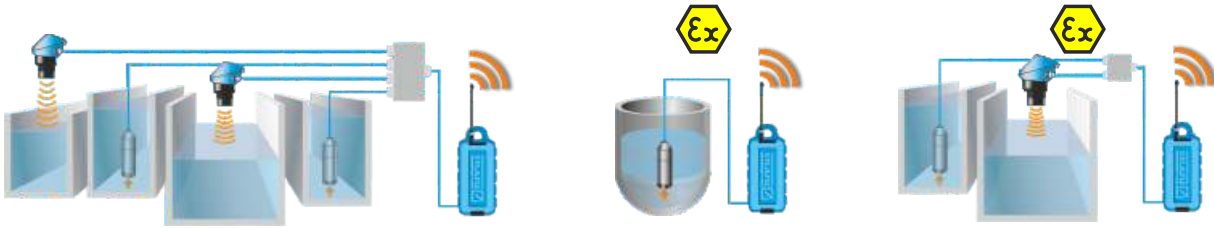


GPRS data logger NivuLog Easy in solar panel enclosure

- Extremely robust IP68 enclosure, compact construction
- Solar panel protected by armoured glass
- Built-in rechargeable buffer battery and recharge control
- Direct connection of sensors using encapsulated terminal compartment
- Very low costs for commissioning and operation

Typical applications	Level monitoring, level measurement in stormwater tanks, rain gauge, silo system monitoring

GPRS Data Logger



NivuLog 4
NivuLog 2 Ex



GPRS data logger with 4 inputs
GPRS data logger with 2 inputs for Ex areas

- Use in Ex zone 1 (NivuLog 2 Ex only)
- Extremely long battery life of up to 500 days
- Robust IP67 enclosure with protective cover
- Measurement channels can be configured via Internet portal
- Free adjustable measurement and transmission cycles
- Built-in measurement value memory with a capacity of 440.000 cycles
- Real-time synchronised via server
- Automatic transfer of previous settings at instrument exchange

Typical applications	Measurement in Ex areas (NivuLog 2 Ex only), level monitoring, level measurement in stormwater tanks, limit level monitoring, volume calculation
-----------------------------	--



NivuLog PCM Ex



GPRS data logger for direct connection to PCM Pro

- Use in Ex zone 1
- Extremely long battery life of up to 5 years
- Robust IP67 enclosure with protective cover
- Measurement channels can be configured via Internet portal
- Free adjustable measurement and transmission cycles
- Built-in measurement value memory with a capacity of 440.000 cycles
- Real-time synchronised via server
- Automatic transfer of previous settings at instrument exchange

Typical applications	Measurement in Ex areas, connection to PCM, flow monitoring, limit value alarms, PCM battery monitoring, optimisation of maintenance cycles
-----------------------------	---



D2W INTERNET PORTAL



D2W - Device to Web

Internet data portal for efficient administration of measurement data, measurement places and unit management

- Access to measurement data via world-wide-web
- The most important system parameters at one sight
- Graph or table views
- Alarm functions
- No need to install additional software installation required
- Low hardware requirements
- Easy user administration
- Easy to integrate into higher systems (OPC, XML, CSV, ...)

The D2W - Device to Web software receives readings and system data transmitted via GPRS from the NIVUS device family and saves the data on secure NIVUS data servers. System backups and redundant systems guarantee virtually 100 % data availability. The "D2W - Device to Web" data portal can be easily accessed via Internet without the need to install additional software. In password-protected areas there are many options available for the direct visualisation of measurement data, function tests and data forwarding through alarm functions via SMS or e-mail.

test D2W: www.nivus.com



Permanent data access allows to directly react in case of malfunctions, to avoid damage in the event of errors or to monitor the function of special constructions.

Expenses can be reduced significantly by minimizing measurement periods, avoiding unnecessary travel costs and maintenance costs such as road-safety, emergency tripod and sewer aeration.



- Free selectable views
- Zoom function
- Automatic reporting
- Adjustable units
- Computing of measurement series



**NIVUS GmbH**

Im Taele 2
75031 Eppingen, Germany
Phone: +49 (0)7262 9191-0
Fax: +49 (0)7262 9191-999
E-Mail: info@nivus.com
Internet: www.nivus.de

NIVUS AG

Hauptstrasse 49
8750 Glarus, Switzerland
Phone: +41 (0)55 6452066
Fax: +41 (0)55 6452014
E-Mail: swiss@nivus.com
Internet: www.nivus.de

NIVUS Austria

Foehrenhaingasse 6
2201 Gerasdorf bei Wien, Austria
Phone: +43 (0)2246 32319
Fax: +43 (0)2246 32386
E-Mail: austria@nivus.com
Internet: www.nivus.de

NIVUS Sp. z o.o.

ul. Hutnicza 3 / B-18
81-212 Gdynia, Poland
Phone: +48 (0) 58 7602015
Fax: +48 (0) 58 7602014
E-Mail: poland@nivus.com
Internet: www.nivus.pl

NIVUS France

14, rue de la Paix
67770 Sessenheim, France
Phone: +33 (0)3 88071696
Fax: +33 (0)3 88071697
E-Mail: france@nivus.com
Internet: www.nivus.com

NIVUS U.K.

P.O. Box 342
Egerton, Bolton
Lancs. BL7 9WD, U.K.
Phone: +44 (0)1204 591559
Fax: +44 (0)1204 592686
E-Mail: info@nivus.com
Internet: www.nivus.com

NIVUS U.K.

Wedgewood Rugby Road
Weston under Wetherley
Royal Leamington Spa
CV33 9BW, Warwickshire
Phone: +44 (0)1926 632470
E-Mail: info@nivus.com
Internet: www.nivus.com

NIVUS Middle East (FZE)

Building Q 1-1 ap. 055
P.O. Box: 9217
Sharjah Airport International
Free Zone
Phone: +971 6 55 78 224
Fax: +971 6 55 78 225
E-Mail: Middle-East@nivus.com
Internet: www.nivus.com

NIVUS Korea Co. Ltd.

2nd Floor Taewha Plaza
570-1 Majeon-dong, Seo-gu
INCHEON 404-820
Phone: +82 70 8620 7436
Fax: +82 70 8620 7437
E-Mail: korea@nivus.com
Internet: www.nivus.com