



DATASHEET **iLogger V5**

Certification

CE 0518

EMC 2004/108/EC
R&TTE 1999/5/EC



II 1 G
Ex ia IIB T4 Ga
-20° C < Ta < +60° C

The iLogger V5 is an autonomous remote management system that provides data logging, automatic meter reading and alarm triggering. The device can be connected to several wired sensors or wirelessly (through an RTU - Remote Transmitter Unit). The data gathered by the equipment is stored and forwarded to a remote central server via SMS or GPRS, with a sending frequency which is configurable from several times a day up to once a month. The data sent to a central server is accessible at a web portal.

The iLogger V5 is available in 12/24V external power, ensuring high data-availability or in a battery version, with an optimized low consumption. The battery version makes the installation process easier, requiring no ATEX barriers, and its primary lithium battery provides long unattended periods. The equipment can be configured remotely, thus ensuring a greater flexibility in maintenance service.

SPECIFICATIONS

Functionalities

Inputs: The equipment supports up to 5 analog inputs (0-3.8V, 0-5V or 4~20mA) or up to 5 digital inputs

Monitoring: up to 9 sensors; RF communication status monitoring

Reading frequency: configurable by multiples or sub-multiples of 60 minutes (minimum 1 minute)

Acquisition frequency: configurable by multiples or sub-multiples of 60 minutes (minimum 1 minute)

Interval of communication: configurable from once a month up to once every 10 minutes

Memory capacity: 2500 up to 7500 acquisitions (depending on the number of sensors configured)

Supply availability: 3.8V, 5V and 14V (depending on the model)

Alarms: up to 24 alarms can be configured

Installation and configuration: easy installation; configuration through SMS for standard models

RF Features

ISM frequency band: 868MHz or 915MHz

GSM Antenna: internal

GSM frequency band: Quad Band (GSM900/1800 or GSM850/1900)

Power Supply

Battery type: One lithium battery 3.6V, D size

Autonomy: 5 years (depending upon the communication and measurement parameters set)

Optional: Battery Pack

Operating Temperature

-20°C to +60°C

Enclosure Features

Dimensions: 253mm x 133mm x 86mm

Models

Model	Voltage analog inputs	Current analog inputs	Digital Inputs	RF Radio	Power Supply	Maximum number of sensors
Ex.iLogV5.K2PC	3	NA	NA	No	Batteries	3
Ex.iLogV5.KWPC	3	NA	NA	Yes	Batteries	9
Ex.iLogV5.P3C2	NA	3	2	No	Batteries	5
Ex.iLogV5.AMR *	NA	NA	NA	Yes	Batt or 12/24V	192
iLogV5.P5U4C2W.12/24V *	4**	5**	2	Yes	12/24V	9

* Non-ATEX model