

Possible applications:



As an Acquisition and Communication system for piezometric probes



As an Acquisition and Communication system to be coupled with a single meteorological sensor equipped with serial output



As an Acquisition and Communication system for equipped mobile vehicles



As an Acquisition and Communication system for compact hydrological stations



As an Acquisition and Communication system for compact stations manufactured by competitors



As an Acquisition and Communication system to be coupled to geological sensors



As an Acquisition and Communication system to be integrated into telemetry systems (flow measurements, water consumption, wind farms systems, etc.)



As an Acquisition and Communication system for agricultural and meteorological compact stations

ANYlogg is an all-in-one system, cheap, and really low power consumption, designed for data acquisition and data transferring via public phone network (xG).

The peculiarity of this system is that it can be associated with any sensor or system equipped with a serial output (RS232, RS485, RS422 or SDI-12), or status outputs (ON / OFF) or pulses (rain gauges, anemometers, ...).

The device can be programmed both for:

- Data Acquisition frequency and data storing,
- Data Sending frequency via different protocols as FTP, http, SMTP (email) or SMS.

ANYlogg stands out for its capacity – using its own power supply - of powering the different devices to which it is connected with purpose of Data receiving (E.g. sensors or systems) at a 5 or 12 Vdc voltage. Even in this case, for an optimization of the energy resource it is possible to set the “ON and OFF” periods.

Technical features:

General features:

Power supply: 4÷32 Vdc (by standard D type batteries or photovoltaic panel)

Power consumption: <250 μ A at 6 Vdc

Available versions with 2G (GSM/GPRS) or 3G (UMTS) connectivity

Input / Output

2 digital input with internal pull-up (20k Ω) at 3V for open-drain contacts or circuits with integrated ESD protection

2 OPEN DRAIN outputs at 500mA 24V

Shared Communication Bus usable as an RS232 (RX, TX, DTR) – RS485 – RS422

Dedicated Communication Bus SDI-12 useful for interfacing external sensors

Options

GPS for geo-referenced data in mobile systems

IP68 cabinet, D Type lithium battery pack, external antenna



Cilindric flanged container for piezometric well, with D Type lithium battery pack and internal antenna



Cabinet suitable for mast, equipped with photovoltaic panel, voltage regulator and backup battery



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