

## NB-IoT TRASMISSION MODULE

### Description

This system is a low consumption transmission module (it can be powered by means of a long term battery). It is able to detect the data coming from the sensors and transmit them automatically to the server through a NB-IoT transmission module (by means of an internal SIM CARD). The server receives the data and stores them, processes them and makes them available in a reserved and protected area to which the user can access by a user ID and a password. You can access the system using a common internet browser and you do not need to install it by the customer.

The following functions are available on the web portal:

- Reading the requested variables
- Graphic trend of the measurements
- Data transmission in various formats
- Alarm management
- Memorizzazione eventi di allarme

### Applications

- Landslides monitoring
- Geotechnical and structural monitoring
- Underground and surface water monitoring
- Spring, tank, water monitoring



### Features

- No software needed
- It fits the most common geotechnical instruments on market
- Long term battery powered
- Compact and sturdy construction
- Alarm transmission through SMS and mail

## Technical Specifications

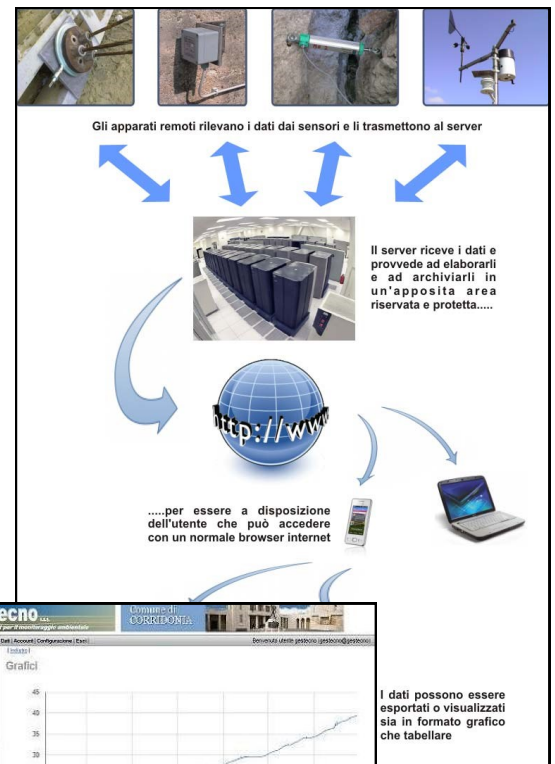
<b>Analogue input</b>	from 1 to 4 (4-20 mA, 0-5 Volt)
<b>Resolution</b>	16 bit
<b>Accuracy</b>	< 0,25% FS
<b>Power</b>	Long term lithium battery
<b>Absorption</b>	30 $\mu$ A in standby - 50 mA (in trasmission)
<b>Dimension</b>	130 x 150 mm
<b>Enviromental condition</b>	temperature: -20...+70 °C - relative humidity: 30...95%
<b>Modem</b>	integrated with internal antenna, NB-IoT tecnologia
<b>Case</b>	IP67
<b>Installation</b>	Wall installation or pole installation, by means of brackets supplied separately

## Accessories and spare parts

- Spare battery
- Pole installation accessories
- Amplified antenna

## Please specify

CODE	PRODUCT DESCRIPTION
URS-050	NB-IoT trasmission module
URS-058	Datalogger with NB-IoT module (expansion 4 ch)



## For further information:

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