

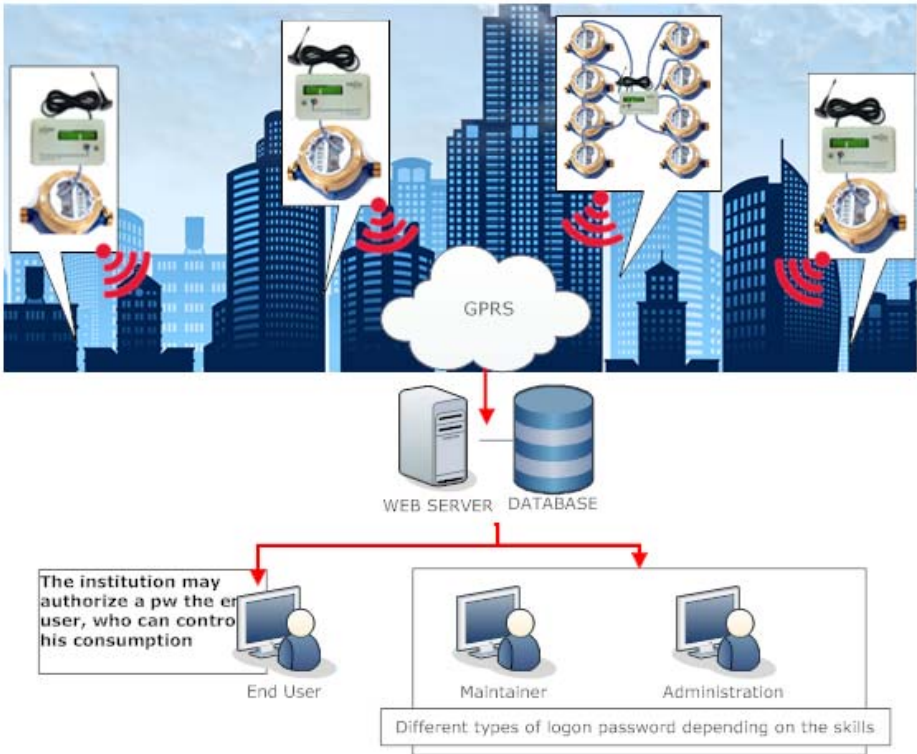
Self-powered wireless system for monitoring,
pricing and fault detection/isolation of water consumption.

Patent n. RM2008U000085
PCT/IT2009/000234

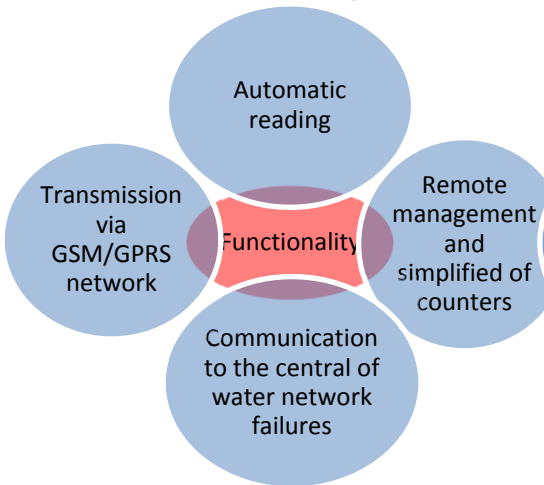


REMOTE HYDROMETER

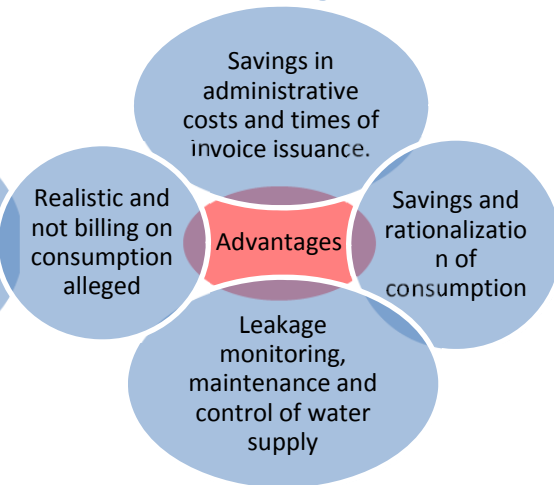
The Idrocontatore is a configurable remote telemetry device, can be integrated with existing counters connected to the mains, able to transmit water consumption data via gsm/gprs network.



Functionality



Advantages



Characteristics of Idrocontatore

SelfPowered	YES
Battery Life	>10 years
GPRS Communication	YES
Interfacing with reed relay sensors	YES
Interfacing with hall effect sensors	YES
Ability to change remote sampling rates	YES
Type of mechanical meter (cubic or diameter)	any pluggable mechanical counter type with probe
Retrofitting (insert on existing counters)	Yes (on any mechanical meter that has installed the probe)
Multi input (multiple counters in a single device)	Yes, up to 12 meters
Anti-fraud system	YES
Display	YES

Technical characteristics

PROCESSING MODULE	MCU ARM Family
STORAGE MODULE	8Mbit flash memory (more than 20 years of readings with a reading/hh)
DATA TRANSMISSION MODULE	OEM Modem GSM/GPRS QUAD BAND with two-way communication
ANTENNA	GPRS Antenna integrated Band Frameworks or Antenna with coaxial cable Executives Band up and SMA connection 3mt
POWER SUPPLY	lithium battery
NUMBER INPUTS	1-12 inputs
ENVIRONMENTAL CONDITIONS	Operating temperature: -20° C ÷ 70° C
PROTECTION	IP 65-66-67-68
DIMENSIONS	140x81x40 (mm)
FIXING	2 screws to the wall

The Offer includes:

Idrocontatore (electronic meter reading)

Field installation

Software maintenance

Service connectivity and data transfer

Service inclusive for the entire period

IN ADDITION

Software customization according to customer needs

Including software licenses (basic service)

The use of the software training of internal staff

SIM data and cost mobile operator invoices including



MiDo Snc

Tel: (+39) 346-6715601~ Fax: (+39) 06-89284773
www.idrocontatore.com ~ www.midoingegneria.com
info@midoingegneria.com