

# ALTAIR V5 VOLUMETRIC WATER METER

Highly accurate, compact,  
modular and sustainable

**DIEHL**  
Metering



The ALTAIR success story continues with a new product design which has a decisive impact on the environment. The new generation ALTAIR V5 provides you with volumetric technology at its best: excellent metrological performance and long-term measuring reliability. Suited for the most challenging environments. For efficient water management. For the reduction of non-revenue water. To conserve one of the world's most valuable natural resources: water.



DN 20 brass  
in-line



DN 20 brass & composite  
concentric

## EXCELLENT PERFORMANCE AND ENDURANCE

### MEASURING DYNAMICS DN 20 Q<sub>3</sub> = 4 m<sup>3</sup>/h R630 T50



- ▶ Accurate measurements of low flow: up to R=630
- ▶ Very low starting flow rate: < 0.5 l/h, dripping water measurement

#### Your benefits:

Only what is measured can be billed. The higher the dynamic, the less the non-revenue water level.

### MEASURING RELIABILITY



- ▶ Large filtration area
- ▶ Optional dual-zone filter
- ▶ Full resistance to blockages
- ▶ Low pressure loss
- ▶ Increased chlorine resistance

#### Your benefits:

ALTAIR earns its money: it ensures smooth long-term operation. With extended lifetime thanks to reduced wear and tear of key mechanical components.

### INSTALLATION CHARACTERISTICS



- ▶ Horizontal and vertical position
- ▶ No calming sections (U0/D0)
- ▶ Indoor and outdoor installation (resistant to humidity, ambient temperature, UV ...)

#### Your benefits:

Enjoy flexibility and maximum performance in every installation situation. As well as constant metrological accuracy.

### TAMPER-PROOF DESIGN



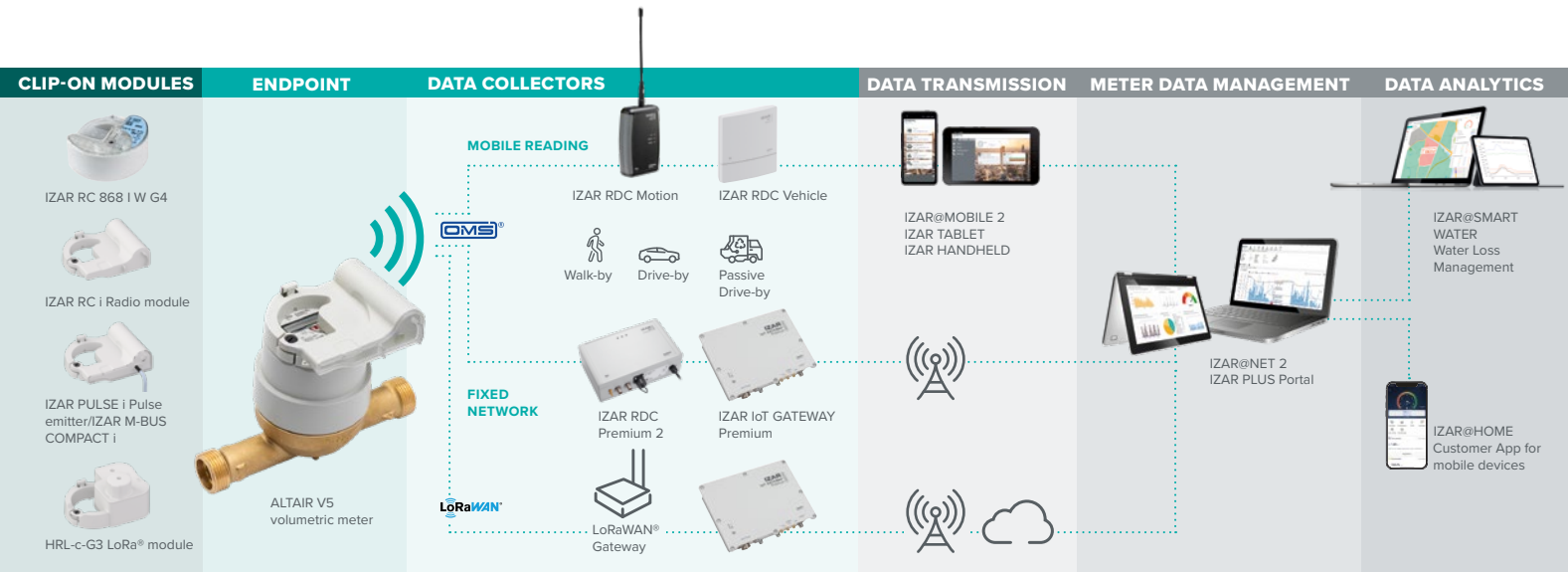
- ▶ Protected magnetic transmission against all types of magnets
- ▶ Resistant to fraud attempt with clamp, hot needle or screwdriver
- ▶ Snap-fit plastic sealing ring: dismantling or modifying impossible without visible damage

#### Your benefits:

Always play it safe: your investment is secure. The provided information is always reliable.

# MODULAR CONNECTIVITY

## VALUE CHAIN FROM HARDWARE TO SOFTWARE



### NEED A COMMUNICATING METER? NO PROBLEM!

For reading out your ALTAIR meters, we offer a wide range of connectivity that adapts to your need: each ALTAIR can be equipped with either IZAR clip-on radio modules or IZAR wired connectivity modules, which are programmed with a set of alarms. You can order your ALTAIR V5 with an IZAR module already mounted, to raise your productivity in the field. Furthermore, our HRLc G3 LoRa module integrates the typical smart city IoT technology LoRaWAN®.

## SUSTAINABILITY

### WHY? OUR VISION.

Empower a sustainable future. Global trends have an increasing effect on our planet. Consequently, natural resources decrease. Water, for example, is the most valuable commodity. In the future, it will become even more valuable.

At Diehl Metering, we believe in our duty to help building a better world. We take on responsibility. Our contribution: we design, develop and produce smart solutions to save water and to manage this resource more efficiently. We empower and innovate. For a sustainable future.



## ECO-DESIGNED PRODUCT

The ALTAIR V5 has undergone an eco-design process which aims at reducing the environmental impact of the meter over all the stages of its life-cycle. Compared to the previous generation, ALTAIR V5's environmental impact is reduced thanks to:

- ▶ Body weight reduction between 30% – 60%, depending on the version
- ▶ Use of partially bio-sourced material
- ▶ Reduced material consumption
- ▶ Reduced energy consumption
- ▶ More compact design

### Benefits:

- ▶ Minimized carbon footprint
- ▶ Reduced shipping costs

### ALTAIR V4

OVER 30 MILLION SOLD WORLDWIDE SINCE 2008



### 30 YEARS

EXPERIENCE IN DEVELOPING VOLUMETRIC TECHNOLOGY



### 60 MILLION

COMMUNICATIVE METERS AND RADIO MODULES INSTALLED WORLDWIDE

### INTERESTED?

LET'S TALK ABOUT YOUR CHALLENGES!

