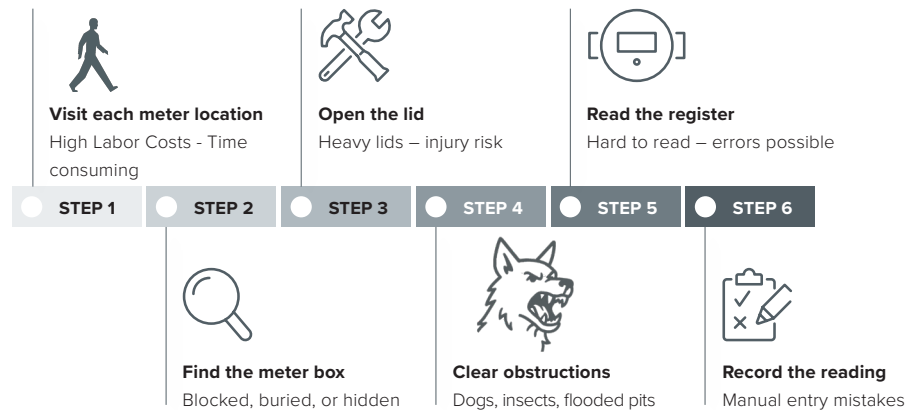# DIEHL
## Metering

# AUTOMATED METER READING

## IZAR STELLA AMR SOLUTION

# WHY AMR? WHY NOW?

Automated Meter Reading (AMR) is a vital first step for utilities seeking cost-effective digitalization of their metering infrastructure. IZAR STELLA solution eliminates the issues with manual reading method with efficient, remote data collection using drive-by method.

**Manual Meter Reading Process and Pain Points**

**Visit each meter location**
High Labor Costs - Time consuming

**Open the lid**
Heavy lids — injury risk

**Read the register**
Hard to read — errors possible

| STEP 1 | STEP 2 | STEP 3 | STEP 4 | STEP 5 | STEP 6 |
|--------|--------|--------|--------|--------|--------|

**Find the meter box**
Blocked, buried, or hidden

**Clear obstructions**
Dogs, insects, flooded pits

**Record the reading**
Manual entry mistakes

# IZAR STELLA: YOUR LAUNCHPAD TO SMART METERING

**A powerful, scalable, and independent drive-by solution.**

**MODULAR SOLUTION**
Flexible AMR low cost solution packages — pay only for what your need

**BOOST PRODUCTIVITY**
Reduce meter reading time freeing staff for higher-priority task like maintenance of infrastructure. Portable solution. Smart utility.

**EFFORTLESSLY SCALE**
Seamlessly migrate from AMR to AMI* — no MIU configuration needed. No site visit needed

**EASY DATA MANAGEMENT**
With IZAR STELLA cloud-based software, get instant access, and receive data insights (leakage alerts etc.,)

LoRaWAN®

Route download

Data upload

Drive-by

**Water Meters**       **Radio**       **IZAR STELLA Motion**       **IZAR STELLA PLUS Portal**

Use of the LoRa Alliance® and LoRaWAN® marks is pursuant to license from the LoRa Alliance®.

* AMI — Advanced Metering Infrastructure

**160+ YEARS**
OF EXPERIENCE IN METERING TECHNOLOGY

**PROUD MEMBER**
OF THE LoRa Alliance®

**INTERESTED?**
LET'S TALK ABOUT **YOUR** CHALLENGES!