

# BAYLAN

WATER METERS

## Automatic Meter Reading Module (AMR) UM-1



### GENERAL

- Automatic meter reading with RF (Radio Frequency)
- Works in AT approved 868 Mhz ISM/SRD frequency
- Automatic meter reading, no need to enter the house
- To secure water authority from any risk while reading customers water consumption
- Great saving from time, fast and reliable solution
- Detects illegal interventions and records
- With inductive sensor full protection against magnetic
- Electronic flow detection
- To get past data with optical interface
- Real time clock
- Easy assembly • Internal battery
- By creating databases, you can easily control consumption values
- Almost no maintenance • 3 years of warranty
- 10 years of spare parts and service



### PERFORMANCE DATA

Working Frequency	: 868.03 Mhz
Modulation	: GFSK
Transmitter output power	: Adjustable up to +14dB
Communication Speed	: 1.2-250 kbps
Communication Type	: Two way (reciever-transmitter)
Effective Distance (outside)	: Up to 700m
Energy	: 3.6V DC lithium battery
Battery life	: 10 years
Working Temperature	: -20/+70°C
Weight	: 80 Gr.
Protection class	: IP68
Suitable Baylan Models	: Suitable for all type Baylan meters

### DIMENSIONS

Total Height	H	60	mm
Axis Height	h	36	mm
Length	L	78	mm

