

LoRaWAN®

2 YEARS WARRANTY



CE FC



**WLRC-WM1**

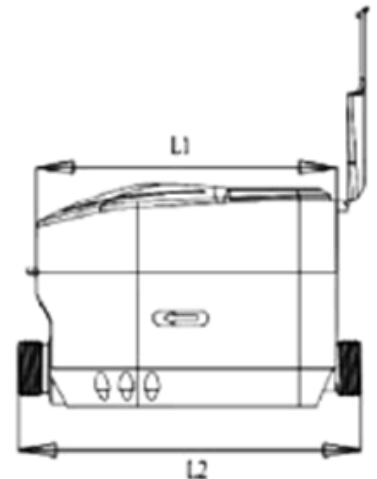


**WLRC-WM2**

## LoRaWAN Ultrasonic Water Meter

### KEY FEATURES

- Measures cumulative water flow
- Dual reporting method: Manual trigger or Time interval (Default 24 hours)
- Power Supply: Battery 3.6V / External power supply
- Valve Control (optional)
- Protection Class: IP68
- LoraWAN compatible



**Device**



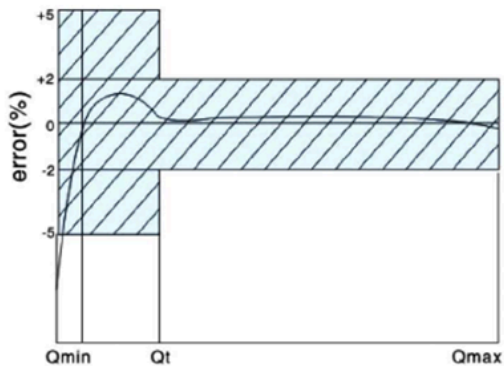
**WatchNET Cloud**



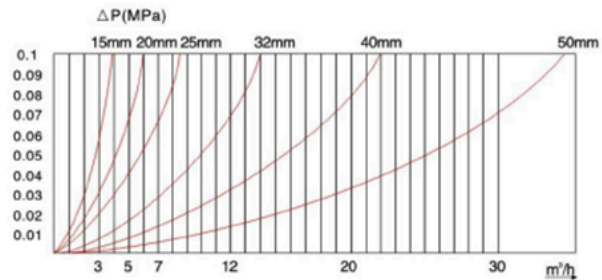
**Mobile Application**

SPECIFICATIONS	WLRC-WM1	WLRC-WM2
Power supply	Battery operated; Up to 5 years	3.6V External Power supply
Valve Control	No	Yes
Communication	LoraWAN Class A	LoraWAN Class C
Sizes	DN20 - 3/4 inch, DN25 - 1 inch, customizable sizes available	
Protection Class	IP68	
Working Temperature	-20°C~+70°C	
Display	LCD Screen; Displaying cumulative water flow in cubic meter	
Standard	ISO4064	
Body Material	Brass/Ductile iron/Plastic nylon	

## FLOW ERROR CURVE



## DATA ERROR CURVE



A. Slow flow ( $Q_1 \leq Q < Q_2$ ) , Max permissible errors:  $\pm 5\%$

B. Water temperature  $\leq 30^\circ\text{C}$ , Fast flow ( $Q_2 \leq Q \leq Q_4$ ) ,  
Max permissible errors:  $\pm 2$ ;

Water temperature  $> 30^\circ\text{C}$ , Fast flow ( $Q_2 \leq Q \leq Q_4$ ) ,  
Max permissible errors:  $\pm 3\%$ .

\*Actual signal range may vary depending on the environment.

\*Battery life is determined by sensor reporting frequency and other variables.

\*All logos & trade marks represent the registered users only. All rights reserved.

\*All product specifications on this brochure are subject to change without notice.



CANADA  
351 Ferrier Street, Unit 5  
Markham, Ontario L3R 5Z2  
Tel: 416-410-6865  
Toll Free: 1-866-843-6865

USA  
417 Old Falls Blvd.  
North Tonawanda  
New York 14120-3107  
Toll Free: 1-866-843-6865  
Tel. +1-716-877-7277

MIDDLE EAST  
PO Box No 126312  
Office Suite 703 Oxford Tower  
Business Bay Dubai, UAE  
Tel: + 971-4-2767117

www.watchnetiot.com  
info@watchnetiot.com

Jan 2025