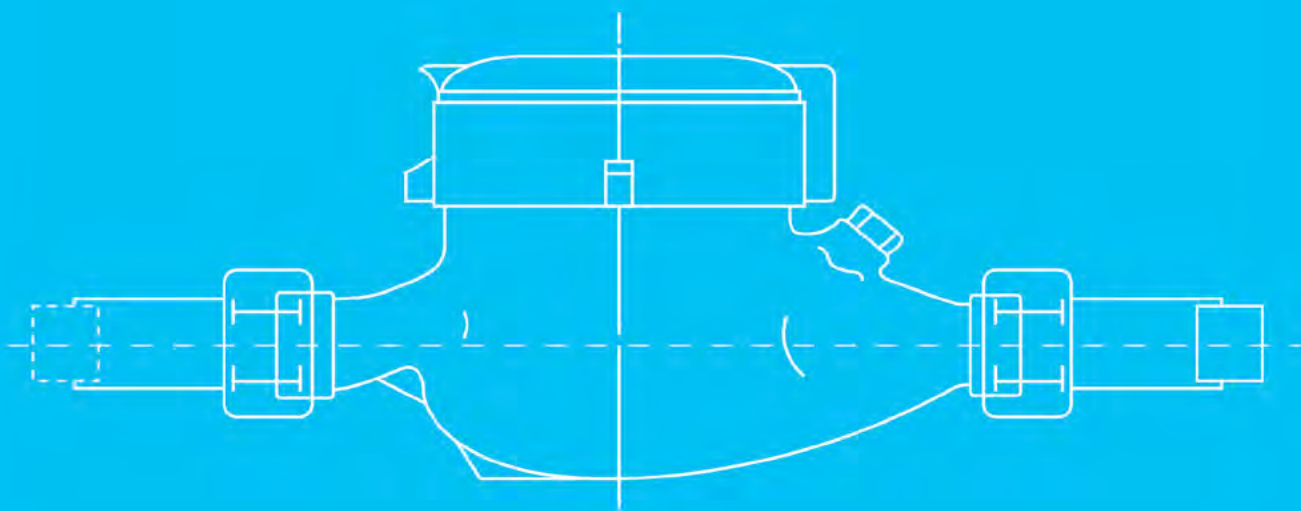


Water Meters



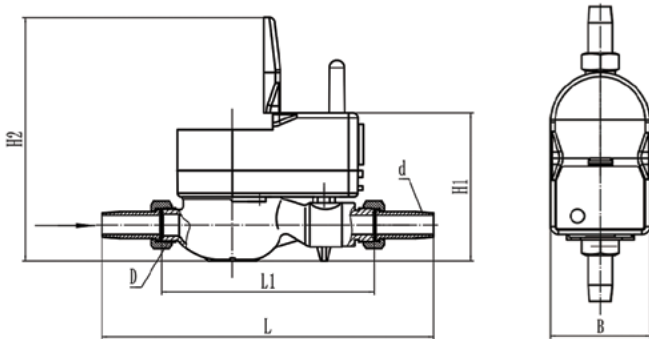
LORA WIRELESS MULTI JET WATER METER

LoRa wireless water meter adopts advanced wireless transmission technology, which transforms information of a conventional mechanical water meter into electrical signal that stored by micro-electronics control circuit. It is able to automatically read the metering data via wireless remote network and control the opening and closing of the valve.

Benefits

- With anti-magnetic interference function
- With battery voltage detection function
- Module with automatic data storage function when power goes on and off assuring data won't get lost
- The joint of the RF module and the base meter uses the integrated structure with built-in antenna, which reduces the damage the antenna during the process of installation;
- Using LoRa transfer mode can drastically extend the communication distance
- The module use of deep dormancy time design is able to completely close the wireless module during the deep dormancy time period (not in operation during night time) which drastically helps reduce power dissipation
- Whole circuit board uses ultra low power consumption design, power supply by high capacity lithium battery with life of over 6 years
- AMI function that supports the system to control the opening and closing of valve in real time

Outline dimensional drawing



Dimension

Model	Length L	Length L1	Width B	Height H1	Height H2	Connecting Thread		
						d	D	
mm								
LXLC-15	258	165	90	112	184	R1/2	G3/4B	
LXLC-20	299	195	90	112	184	R3/4	G1B	
LXLC-25	345	225	90	114	186	R1	G1 1/4B	

Technical Data

Item	Unit	Model		
Nominal diameter	mm	LXLC-15	LXLC-20	LXLC-25
Q3/Q1		R80/R100		
Overload flow (Q4)	m ³ /h	3.125	5	7.875
Nominal flow (Q3)	m ³ /h	2.5	4	6.3
Transitional flow (Q2)	m ³ /h	0.05	0.08	0.13
Minimum flow (Q1)	m ³ /h	0.031	0.05	0.08
Accuracy class		Class 2		
Maximum indication	m ³	99999		
Temperature class		T30,T90		
Pressure class		MAP10/MAP16		
Pressure loss class		Δp63		
Flow profile sensitivity class		U10/D5		
Environmental class		Class B		
Electromagnetic environment class		E1		
Static current	uA	<10		



Precision in Every Drop
Since 2006

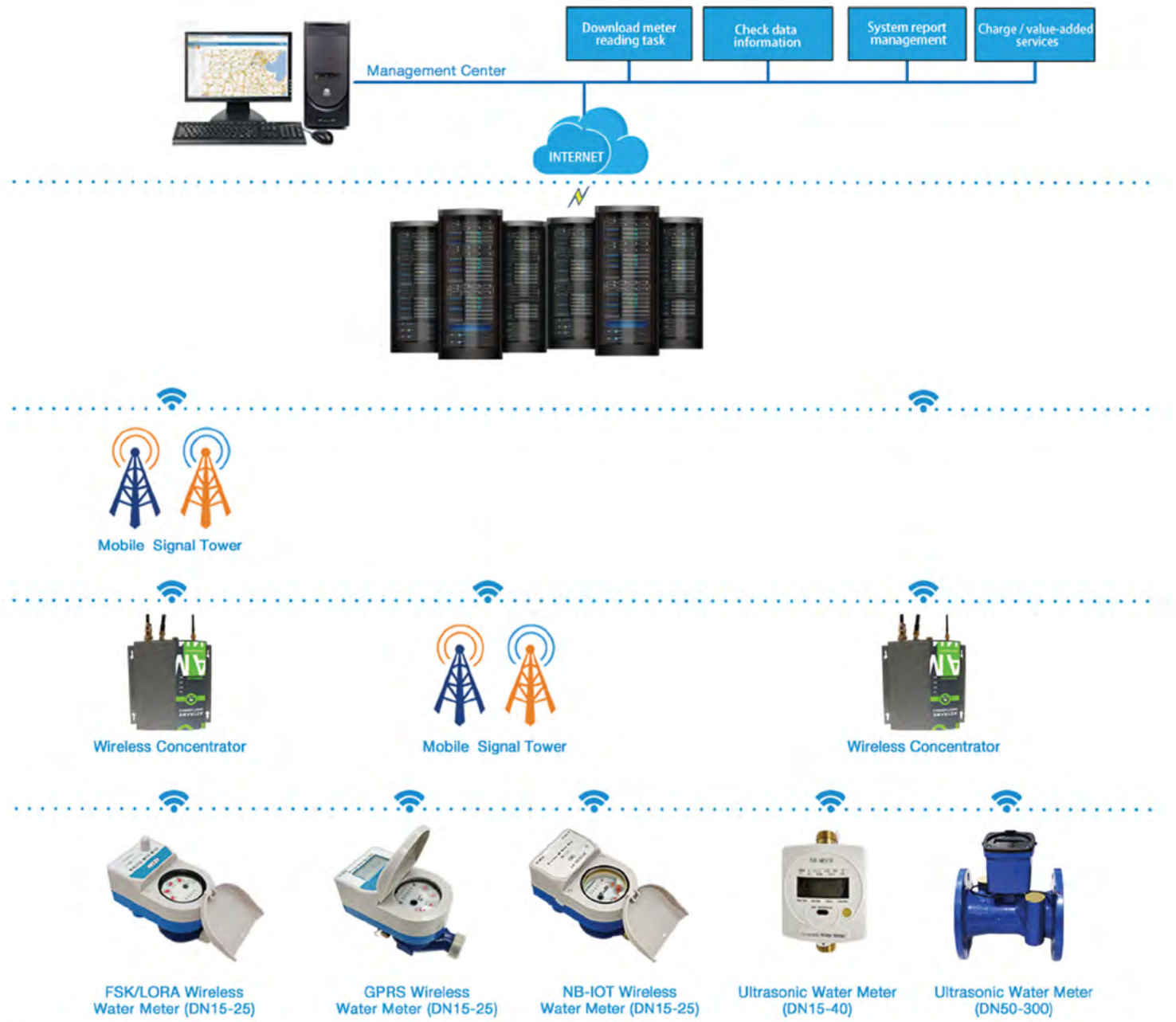
AMI SYSTEM INTRODUCTION... SIMPLE IS SMART

System structure diagram as follows

- Server send commands to the data concentrator through network
- Concentrator transforms the received commands into radio signal and send the signal to the water meters
- Water meters respond and execute the commands accordingly
- Water meters deliver the results or data back to the management center as per the original route after the actions finished

Service

- Quality warranty: 1 year
- Support with installation and testing in site
- Data sheet can be sent to other management systems easily after the actions are finished



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