

MADECO Ultrasonic water meter



Features:

1. Metering accuracy: drip metering, precise measurement, wide dynamic range, if initial flow is small, can be accurate to 0.002 m³ / h.
2. No mechanical wear: electronic measurement, no moving parts, protection class IP68, can have normal operation underwater for a long time.
3. Durable and good material: 6mm tempered glass, the key components made of pure metal material to ensure that the product is strong and reliable.
4. Automatic meter reading: meter reading cloud services, intelligent management, intelligent detection of explosion, automatic valve closure

- Consistency

6mm tempered-glass as meter cover, 2.5mm plastic as meter case for anti-aging and anti-ultraviolet.



- Durability

Four sets of batteries with capacity up to 14400mAh and the unique management technique of multiple battery ensure the lifespan for 15 years.



Main technical specification

Nominal diameter		DN15		DN20				DN25	
Overload flowrate	m³/h	3.125	3.125	3.125	3.125	5	5	5	5
Permanent flowrate	m³/h	2.5	2.5	2.5	2.5	4	4	4	4
Transitional flowrate	m³/h	0.025	0.016	0.016	0.025	0.04	0.0256	0.0256	0.04
Minimum flowrate	m³/h	0.015	0.01	0.01	0.015	0.025	0.016	0.016	0.025
Starting flowrate	m³/h	0.002							
Size	mm	130x117x77		130x117x77				175x117x77	
Connecting thread	Inch	G¾"B		G1B				G1¼B	
Pressure loss at Q3		△ P40							
Dynamic range		R160, R250（optional）							
Water pressure rating		MAP10,MAP16（optional）							
Medium temperature range	℃	1-50							
Accuracy class		2							
Ambient class		Class C							
Protection class		IP68							
Measurement cycle	S	0.25							
Battery		batteries(ER18505), ,3800mAh capacity for each, voltage 3.6V							
Battery lifspan	Year	6,10,15 (optional)							
Display content		ation flow(m³);Instaneous flow (m³/h); Medium temp							
Maximum reading	m³	999999.999							
Minimum reading	m³	0.00001							
Instantaneous flow display	m³/h	0-5.000							
Communication mode		Fair infrared, M-BUS, LoRa wireless.							

Wireless remote control valve

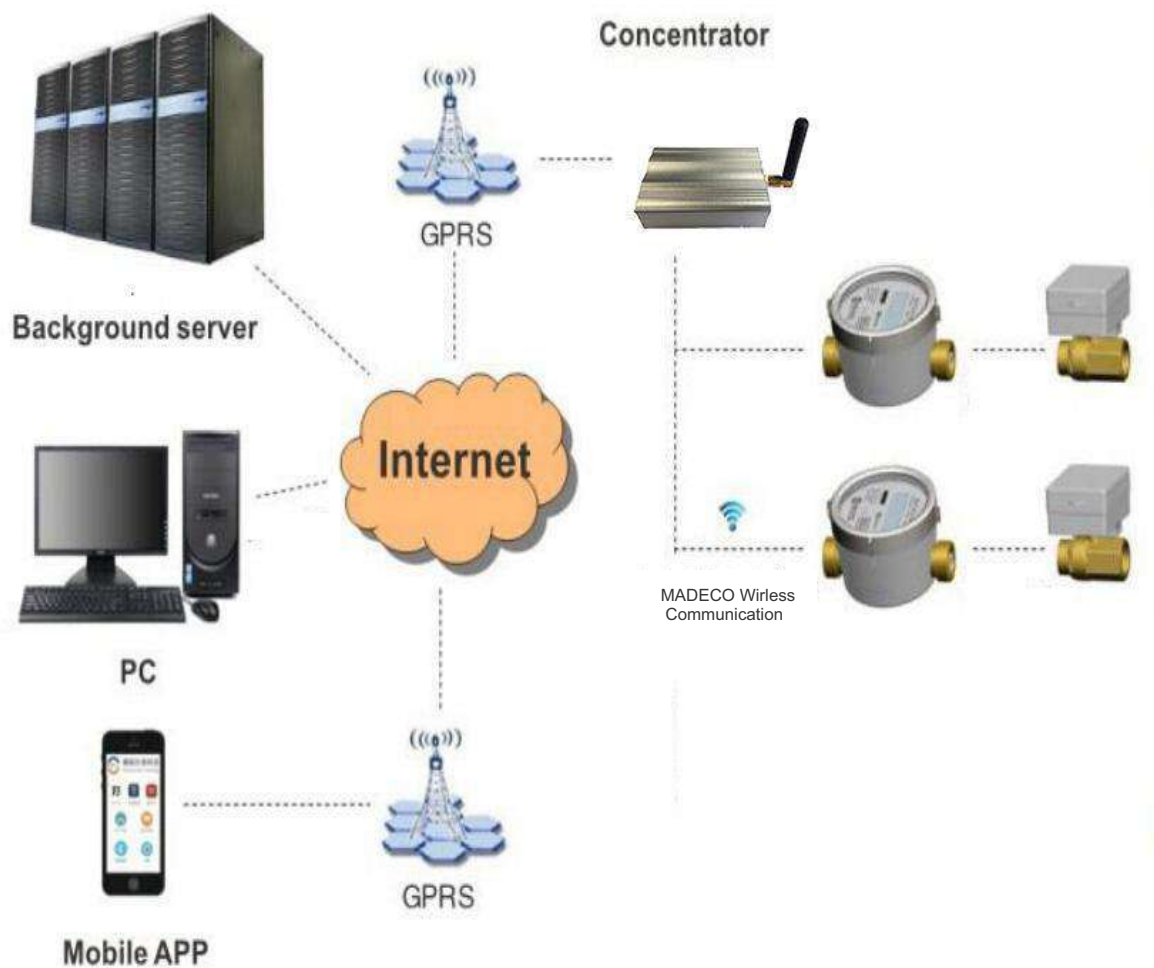
Main technical specification

Nominal diameter		DN15	DN20	DN25
Size	mm	110×78×97	110×78×99	110×78×135
Connecting thread		G ³ / ₄ B	G1B	G1 ¹ / ₄ B
Hole circle diameter	mm	15	20	20
Nominal pressure	Mpa	1.6		
Protection class		IP68		
Battery		2 sets of lithium batteries(ER18505)		
Battery lifespan	Year	10		
Type of valve		Ball valve,Stainless steel valve core		
Material		Brass		
Switching reaction time	S	< 15		
Communication mode		Far infrared, LoRa wireless(optional)		



MADECO Water meter Wireless transmission system

1. Input, record, modified and output clients information.
2. Collect and check the Real-time flow rate and accumulative consumption.
3. Record, collect and output the water fees of every client
4. Control the switch of the valve.





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