

# DAE AS250U-100

## 1" Water Meter, Measuring in Gallon + Couplings

### [Specification]

Model	AS250U-100
Type	1" Water Meter, Measuring in Gallons + Couplings
Couplings	Included
Unit	Totalizer Measuring in Gallon, GPM
Accuracy	+/-1.5% within normal flow as per AWWA Standard
Certification	AWWA C712 and ISO 4064.
Max Water Temperature	104°F (40°C)
Max. Working Pressure	232 psi, exceeding the requirement from AWWA standard 150 psi.
Meter Body	Bronze
Size	Length without couplings: 6.3 inches Length with couplings: 11.125 inches Item dimension: 6.3" length, 3.7" wide, 3" height
Weight	5.5 lbs.
Flow Rate	Maximum Flow Rate: 50 GPM (11.4 m <sup>3</sup> /h) Normal Flow Rate: 25 GPM (5.7 m <sup>3</sup> /h) Minimum Flow Rate: 3/4 GPM (0.17 m <sup>3</sup> /h)
Pressure Drop	0.145 psi @ 5 GPM, 1.305 psi @15 GPM, 3.916 psi @ 25 GPM
Mount	Horizontal Inline mount with dial facing upward

### [Feature]

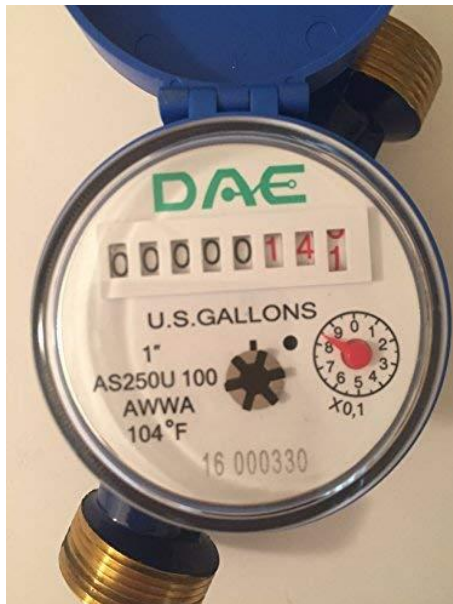
- 8 digits register counter. The 1st digit from the right is in gallons (\*1 gallon). The dial is in one tenth gallons (\*0.1 gallons). For example, if you see 00001234 on the register, it is 1234 gallons. Reading on 4th picture of the listing is 140.85 Gallons.
- The register head can be freely rotated for convenient viewing
- The DAE meters have been tested by our QC inspectors in the production line to certify their quality. Therefore, the reading will not be zero.
- DAE AS series is single jet water meter with bore size 0.77 inch.
- Factory calibration certificates available for government contracts.
- If you have continuous flow with 50 GPM, we would suggest that you choose 1-1/2" water meter like DAE AS320U-150P or MJ-150
- 2 years warranty from the seller.
- For the water meter to be installed vertically with water flowing upward, please refer to V-100P or VM-100P which can be installed in any position, vertically or horizontally, water flowing downwards or upwards, dial facing upwards, downwards or side-way.

## [Remote Reading Solutions]

- Refer to 6th picture, when upgraded to AS250U-100P, option available for cloud metering system with CC2030 Gateway. DAE CC2030 Gateway will get the water consumptions from (Auto Meter Reading Module for single water meter) or AMR (Auto Meter Reading Module for 16 water meters) and send them to the cloud (DAE server) through Ethernet. With PC or cell phone or tablet, the building owners or property managers will therefore be able to get access to real time data as well as the monthly water consumption and billing reports to their tenants.
- For AS250U-100P option available to use with CO-10 KIT or CO-10 Electronic Pulse Counter - An inexpensive remote reading solution Please refer to 5th picture.
- For AS250U-100P option available for wireless remote reading with DAE RF converters. Please refer to 7th picture.



[Picture 1]



[Picture 2]



[Picture 3]



[Picture 4]

## Remote Reading with Pulse Counter **DAE** An Inexpensive Solution

Note: Only meters with pulse output like AS200U-75P are eligible to be connected to CO-10.

**Electronic  
Pulse Counter  
CO-10**



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[Picture 5]

# Cloud System Architecture **DAE**

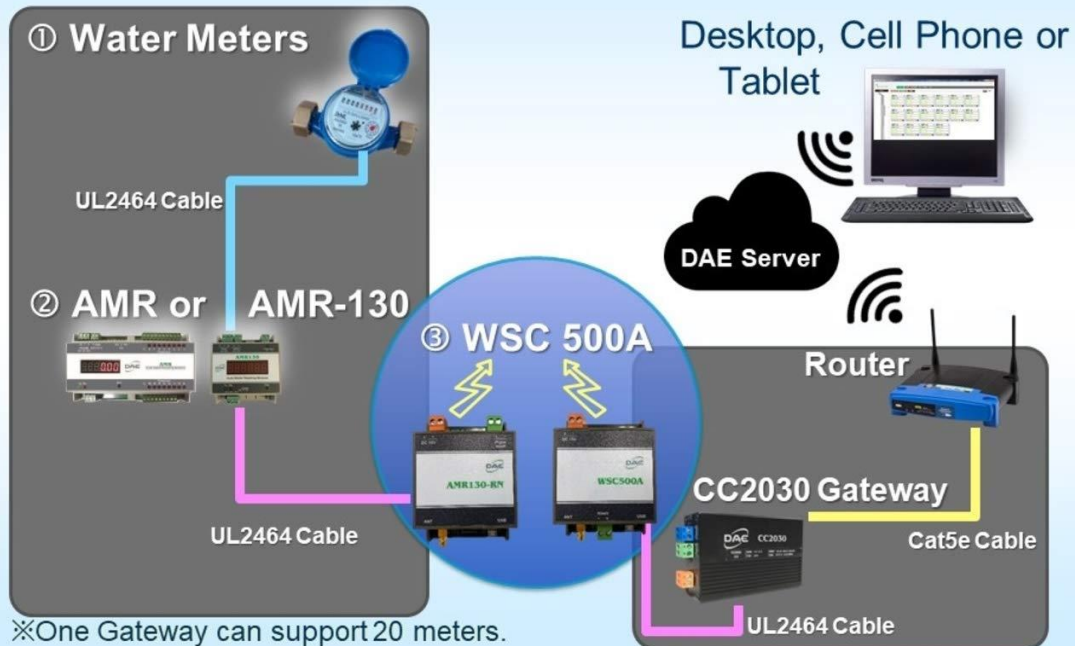
## Water Meters



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[Picture 6]

# Wireless Cloud System Architecture - Water **DAE**



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[Picture 7]