

DAE PMJ-100P

1" Plastic Water Meter, Pulse Output, Measuring in Cu ft + Couplings

[Specification]

Model	PMJ-100P
Mount	Horizontal Inline mount with dial facing upwards
Unit	Totalizer Measuring in Cu ft
Accuracy	+/-1.5% within normal flow as per AWWA Standard
Pulse Output	1 pulse per 0.1 Cu ft (0.748 Gallons), a dry contact (i.e. no voltage) reed switch with 2 wires, 1.5m. The switch may be damaged if input electricity is more than 0.01A, 24V.
Meter Body	Engineering Plastics
Color	Black
Display	5 digits register counter
Item dimension	8.8" length, 4.1" wide, 4.9" height. Shipping weight: 3 lbs.
Length without couplings	8.8 inches, Length with couplings: 13.6 inches
Max Temperature	104°F (40°C)
Max Working Pressure	150 psi, the requirement from AWWA standard
Flow Rate	Maximum Flow Rate: 50 GPM (400.8 cu ft/h, 11.4 m ³ /h) Normal Flow Rate: 25 GPM (200.5 cu ft/h, 5.7 m ³ /h) Minimum Flow Rate: 3/4 GPM (6 cu ft/h, 0.17 m ³ /h)
Pressure Drop	0.189 psi at 5 GPM 1.044 psi at 15 GPM 4.279 psi at 25 GPM
Standard	Conforms to both AWWA and ISO 4064

[Feature]

- Cloud Metering available with DAE 2030 Gateway. DAE CC2030 gateway will get the water consumptions from DAE AMR (Auto Meter Reading Module with RS485 communication for 16 water meters with Pulse Output) or DAE AMR130 (for 1 meter) 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. If there is abnormal usage (ex. Broken piping), an alert will be sent to your cell phone automatically.
- Wireless remote reading available with DAE RF converters.
- Ready for use with CO-10 KIT or CO-10 Electronic Pulse Counter - An inexpensive remote reading solution. Ready for use with DAE AMR130 and AMR for remote reading.
- 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.
- Install meter in a location with at least 10 diameters of straight pipe at the inlet and 5

diameters at the outlet to assure proper flow profile to meter.

- Wireless remote reading available with DAE WSC500 RF converters.





Remote Reading with Pulse Counter

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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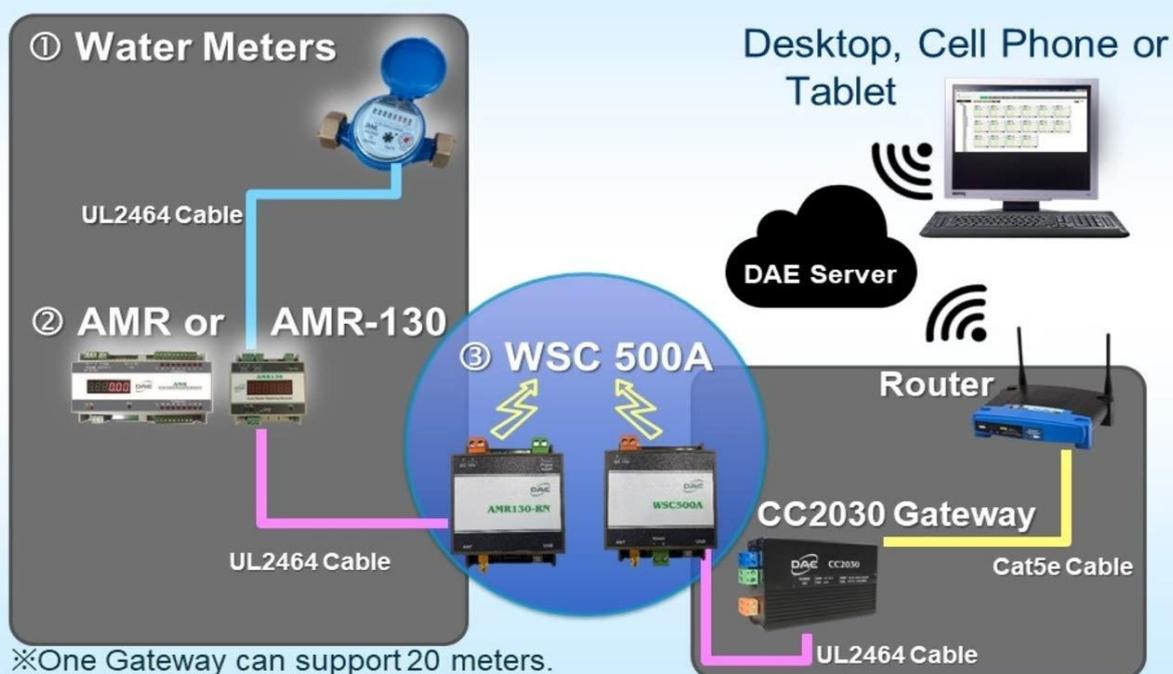
Cloud System Architecture

Water Meters



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Wireless Cloud System Architecture - Water



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