

DAE AS320U-150RP

1-1/2" Hot Water Meter with Pulse Output, Measuring in Gallon + Couplings

[Specification]

Model	AS320U-150RP
Type	1-1/2" Hot Water Meter with Pulse Output, Measuring in Gallon + Couplings
Couplings	Included
Pulse Output	1 pulse per 10 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.
Unit	US Gallon
Accuracy	+/-1.5% within normal flow as per AWWA Standard
Certification	AWWA C712 and ISO4064.
Max Water Temperature	194°F (90°C)
Max. Working Pressure	150 psi, the requirement from AWWA standard
Meter Body	Bronze
Size	Length without couplings: 7.9 inches Length with couplings: 12.7 inches Item dimension: 7.9" length, 4.8" wide, 4.3" height
Bore Diameter	1.17 inches (29.8 mm)
Weight	10 lbs.
Flow Rate	Maximum Flow Rate: 100 GPM (22.7 m ³ /h) Normal Flow Rate: 50 GPM (11.3 m ³ /h) Minimum Flow Rate: 1-1/2 GPM (0.34 m ³ /h)
Pressure Drop	at 20 GPM: 0.45 psi at 40 GPM: 1.96 psi
Mount	Horizontal Inline mount with dial facing upward

[Feature]

- 8 digits register counter. The 1st digit from the right is in gallons. For example, if you see 00001234 on the digits, it is 1234 gallons. The dial is in one tenth gallons (*0.1 gallons). The reading in 4th picture of the listing is 190.55 gallons.
- The register head can be freely rotated for convenient viewing
- You can also use this meter without connecting the pulse output. DAE AS series is single jet water meter.
- Factory calibration certificates available for government contracts.
- 2 years warranty from the seller.
- DAE AS series water meters are not NSF61 certified. It is DAE MJ series water meters which are NSF 61 certified. California, Vermont, Maryland and Louisiana state laws require that all the

water meters used their states be NSF61 certified.

[Remote Reading Solutions]

- Refer to 6th picture, 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.
- Only two wire connection between water meter and AMR or AMR130. It is not required for additional power source.
- Available to use with CO-10 KIT or CO-10 Electronic Pulse Counter - An inexpensive remote reading solution Please refer to 5th picture.
- 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 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

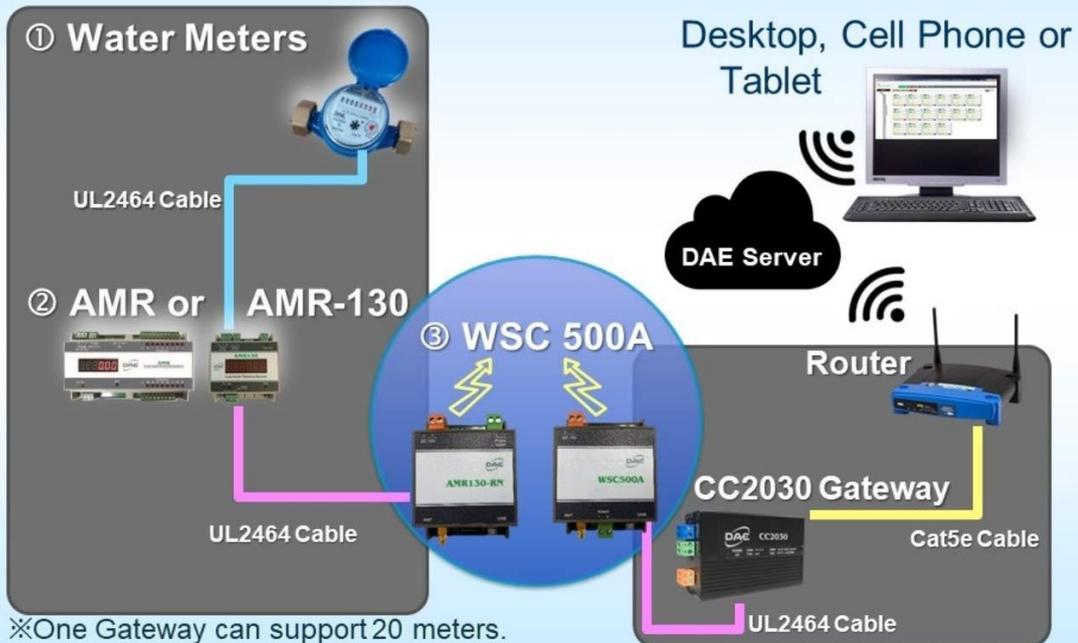
Water Meters



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[Picture 6]

Wireless Cloud System Architecture - Water



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[Picture 7]