

## DAE AMR130AN, AMR130AN KIT

**Auto Meter Reading Module with Modbus/RS485 Communications Without Display for 1 Water Meter.**

### [Specification]

Model	AMR130AN	AMR130AN KIT
Accessory	Not included	Included (2nd picture)
Size	8-inch x 11-inch x 6-inch	
Communication	Modbus/RTU protocol, RS485 interface, 8/n/1	
Auxiliary Power	DC 12-15V	
Operating Temperature	0 to 60°C (32 to 140°F)	
Operating Humidity	0 to 90% RH (non-condensing)	
Settable Parameters	Address 0~254	
Baud Rate	1200, 2400, 4800, 9600 bps	
Decimal Places	0, 0.0, 0.00	
Pulse Divider	1, 4, 8, 10, 16, 32, 64	
Mount	Din Rail	

### [Feature]

- Cloud Metering available (3rd picture) with DAE CC2030 Gateway. CC2030 will collect water usage from DAE AMR130AN and send them to the cloud (DAE server) through Ethernet. With PC or cell phone, the landlords will be able to see real time data and generate billing reports to their tenants. If there is abnormal usage (ex. Broken piping), an email alert will be sent to your cell phone automatically. No IT guy required. Just connect wires as per a simple picture (see video) & ready to go.
- Wireless remote reading available (4th picture) with DAE WSC500 RF Converter.
- Non-volatile memory retains metering data during power failure.
- Indoor use only, DAE B1725 watertight enclosure available for outdoor use.
- Accessories are the power adapter (output 12V DC, input 120V-240V AC), Din rail (to install AMR130AN to the wall).
- We suggest that UL2464 cable be used to connect AMR130AN and Water Meters.
- UL2464 shielded twisted cable from the water meter to the AMR130AN can be extended up to 328 feet (100 meters).
- AMR130AN collects data from water meters and send them to third party device through RS485 with third party software.



[Picture 1]



[Picture 2]

# Cloud System Architecture

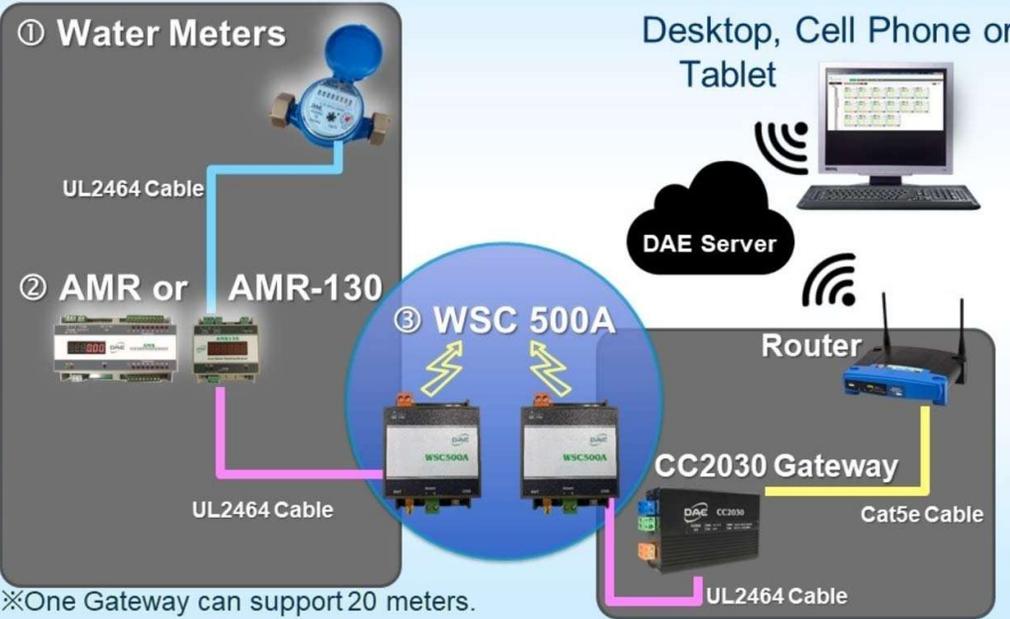
Water Meters



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[Picture 3]

# Wireless Cloud System Architecture - Water



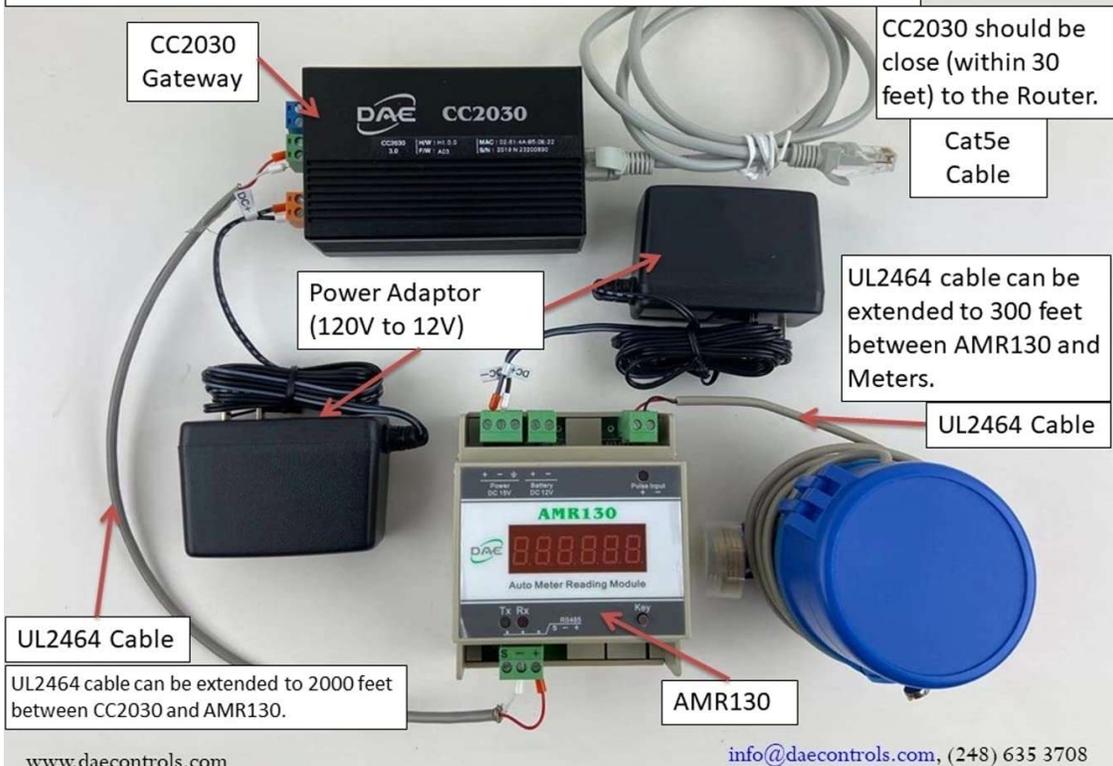
[info@daecontrols.com](mailto:info@daecontrols.com), (248) 635 3708, [www.daecontrols.com](http://www.daecontrols.com)

[Picture 4]

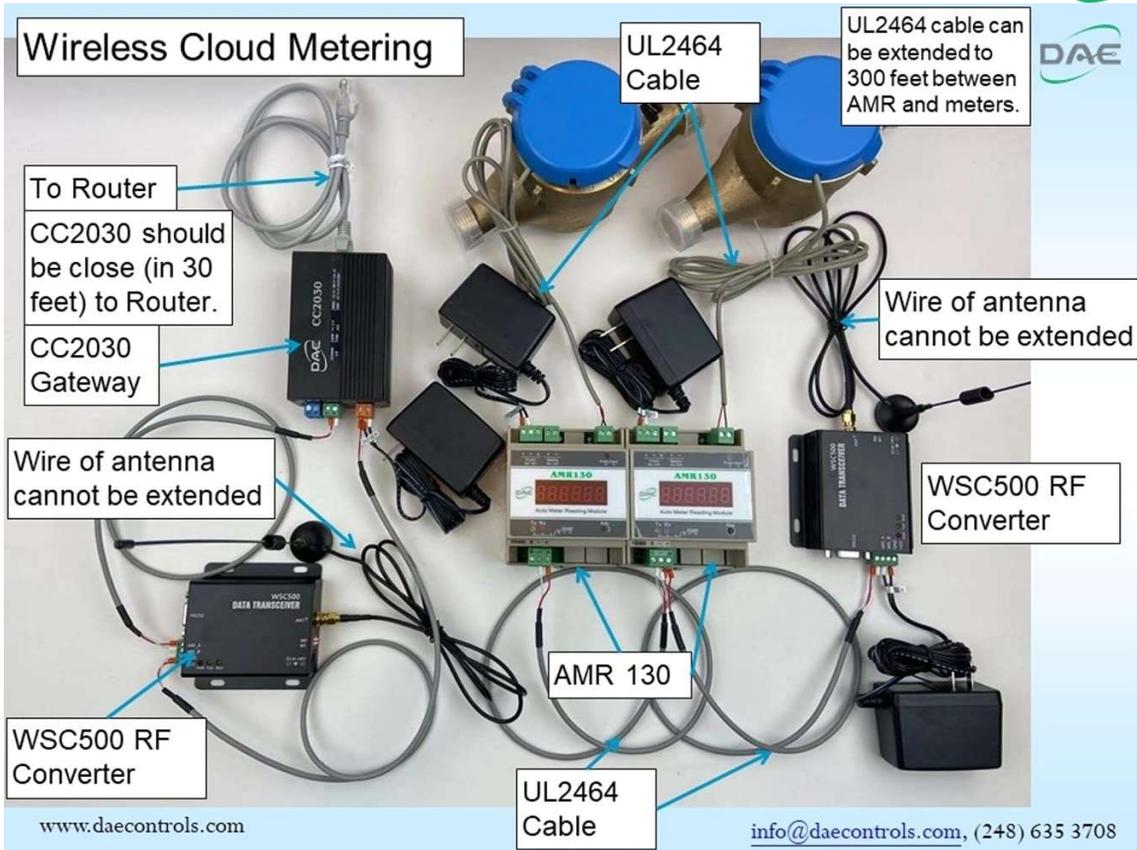


[Picture 5]

### Wiring Connection for AMR130, CC2030 V3.0, Water Meter



[Picture 6]



[Picture 7]