

DAE AMR130-RN

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Auto Meter Reading Module with RF Output for 1 Water Meter

[Specification]	
Model	AMR130-RN
Size	8-inch x 11-inch x 6-inch
Accessory	Not included
Communication	RF 900 ~ 930 MHz (default: 915 MHz)
Modbus Address	1 ~ 254 (default: last 2-digit of serial number)
RS485 Baud Rate	9600 bps (Used with WSC500A)
Protocol	Modbus RTU
LED Indicators	RF TX/RX LED, Pulse input LED
Auxiliary Power	DC 12-15V / 5.4VA
Operating Temperature	-40 to 70℃ (-40 to 158۴)
Operating Humidity	0 to 90% RH (non-condensing)
RF Transmission Rate	0.3 ~ 62.5 (default: 2.4kbs)
Transmitter RF Output	22dBm, 17dBm,13dBm, 10dBm
Power	
Antenna Type	Suction type, 3.5dBi
	5 km
Transmission Range	(Clear weather, open area without obstacles, antenna 2 meters
	above the ground.)
Certification	FCC certified
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, TS35/7.5 or TS35/15

[Feature]

- Cloud Metering System available with DAE CC2030 Gateway. CC2030 will collect water usage wirelessly from AMR130-RN (Auto Meter Reading Module with RF communication) 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 monthly water usage & billing reports to their tenants. If there is abnormal usage (ex. Broken piping), an email alert will be sent to your cell phone automatically.
- Non-volatile memory retains metering data during power failure.
- Indoor use only, DAE B1725 watertight enclosure available for outdoor use.
- Accessories (not included) are the Power Adapter (output 12V DC, input 120V AC), Din Rail (to install AMR130-RN to the wall).



- We suggest that UL2464 cable be used to connect AMR130-RN and Water Meters.
- UL2464 shielded twisted cable from the water meter to the AMR130-RN can be extended up to 328 feet (100 meters).
- AMR130-RN can collect the data from water meters and send them to remote host through RF and RS485 with third party software.



[Picture 1]



[Picture 2]



[Picture 3]