



Building Intelligence with Submetering Solutions    

Metering Data Transceiver (MDT)



The QMC Wireless MDT records data from various meter types and transmits the data via radio towards the DCAP. It is compatible with GWF's Encoded Meters and sends the meter readings at 15 minute or hourly intervals.

The encoded MDT comes in two options: single encoded and dual encoded, suitable for residential applications with hot and cold domestic metering.

Enhanced features and input options beyond simple pulse counting can be ordered from QMC to allow collection and transmission of additional information relevant to submetering in the multi-family housing market.

SPECIFICATIONS & MODELS

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| Inputs Options | <ul style="list-style-type: none"> • Pulse signal from electric, run-time, gas or water meters • Encoded protocol of Neptune or Sensus • Optional temperature sensor • Hersey pluse water meter • Other inputs also supported |
| MDT Data Storage | <ul style="list-style-type: none"> • TW-160B-P: None • TW-160xx-PTx: Over 4000 data points (31+ days @ 15 minute intervals) |
| Data Resolution | <ul style="list-style-type: none"> • TW-160B-P: 1 hour interval • TW-160XX-PTx: 15 minute interval standard, optional 5 minute interval available |
| Radio | 902 - 928 MHz; FCC Certified; Open Field Range of up to 2000 feet* |
| LED | Indicates on/off and RF network connection status |
| Operating Environment | -10 to 145 degrees F, up to 90% RH, non-condensing |
| Power | <ul style="list-style-type: none"> • Two AA Alkaline (standard) • Two AA Lithium (optional, for colder temperatures) • 9V to 15V DC input (optional, from wall transformer or certain electric meters) |
| Typical Battery Life | 5 years @ 50 to 90 degrees F, reduced at extreme temperatures |
| Dimensions | 4.3" x 2.2" x 1.2" |
| Single Encoder MDT Dual Encoder MDT | TW-160B-E (Neptune, Sensus, GWF) register input, 1 hour interval, no on-board memory TW-160B-E5 (Neptune, Sensus, GWF) register input, 1 hour interval, no on-board memory |

Continual product enhancements may cause specifications to change without notice. *Actual range may vary depending on installation location and topography.

Call QMC for a free consultation on how a Wireless Meter Reading System can save you and your tenants money.



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