



Building Intelligence with Submetering Solutions    

RF Network Diversity Repeater



The RF Network Diversity Repeater from QMC receives radio messages from MDTs and other repeaters and then re-transmits the message with its high power radio toward the data collecting DCAP. Repeaters implement the redundant and self-healing 2-way mesh radio network between MDTs and the DCAP.

Multiple repeaters are used at a site to form an RF network that provides complete RF coverage over the entire property, building campus or residential community.

SPECIFICATIONS & MODEL

Radio	902 - 928 MHz; FCC Certified; Open Field Range of up to 1 Mile*
LED-Power	Bi-colour, indicates power state: <ul style="list-style-type: none"> Green: AC power good Red: No AC power but running on capacitor Off: Off, no power
LED-Status	Bi-colour, indicates network connection status and link quality: <ul style="list-style-type: none"> Standard slow/fast flash sequence upon power-up Green: Link quality > 65 Orange: LQ between 31 and 64 Red: LQ between 0 and 30 Off or flashing Red: No connection to network
Dimensions	5.3" x 5.3" x 1.6"
Operating Environment	-10 to 145 degrees F, up to 90% RH, non-condensing
Power	5VDC, 600mA or greater 120 VAC wall transformer. Upon loss of power, an alert message is sent to the DCAP.
Diversity Repeater	TW-191-R Extended range repeater, includes 5V DC power supply

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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