**MPRF Network Repeater**

Real-time process data collection has been the goal for almost every process manufacturer. Having data accessible as it is collected allows better, more efficient control of your process. Increasing signal accessibility is vital when walls or equipment makes RF signal delivery less than ideal.

The DataTrace Network Repeater is able to take weak signals from within a process and repeat them to an MPRF PC Interface. It can also be used to repeat a logger’s signal across long distances using one or more repeaters in a wireless chain to the PC host. The repeater is AC powered, but can operate on battery for a period of time and works well when placed inside a NEMA enclosure for harsh environments and long-term installation.

- Strengthens RF Signal
- Enhances Real-time Data Delivery
- Expands Network Range
## Product Specifications

**Operating Temperature:**
-40°C to +80°C  
**Operating Pressure:**
Ambient  
**Wireless Range:**
1000 feet  
**Radio Frequency:**
2.4 GHz ISM Band

### Physical

**Size:**
- Antenna: 5.4”
- Box Height w/ Ant: 3.47”
- Box Height: 3.15”
- Box Width: 3.22”
- Box Depth: 2.21”
- Box Width w/ Button: 3.95”

**Weight:**
3.1 oz (89 grams)

**Material:**
ABS & polycarbonate

**Water-resistant**

### Mechanical

**Battery Type:**
C-cell (field-replaceable)
AC Powered

**Battery Life:**
5 days or AC Power

**Clock accuracy:**
Same as host PC

**Certifications:**
FCC Class B digital device (part 15 compliant)

### Rated Antennas

- 9 dB monopole
- 7 dB monopole
- 3 dB monopole
- DT Intenna
- Antenna inside Repeater

*Water-resistant only on request, requires antenna inside Repeater option

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