

MPRF Network Repeater

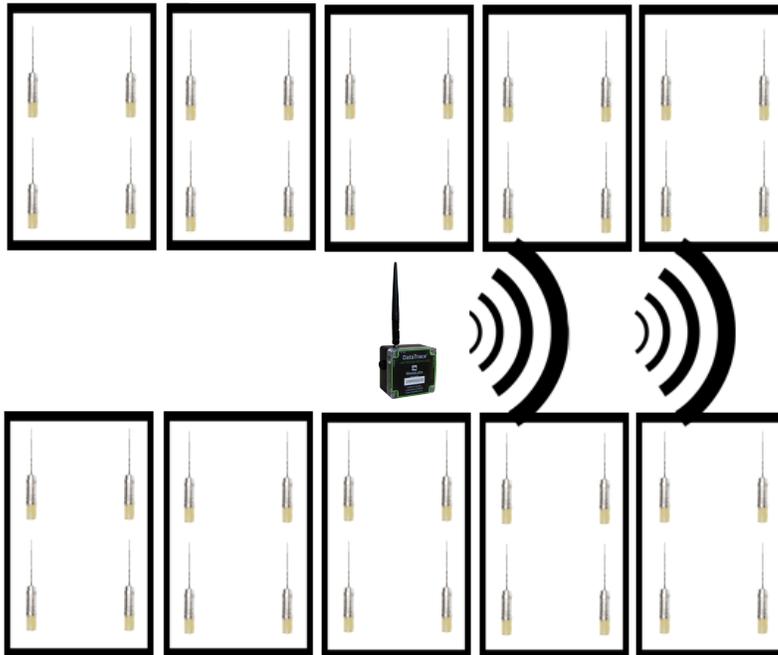
Real-time process data collection has been the goal for almost every process manufacturer. Having data accessible as it is collected allows better, more efficient control of your process. Increasing signal accessibility is vital when walls or equipment makes RF signal delivery less than ideal.

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

Processing



Control Room

DataTrace MPRF Network Repeater

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

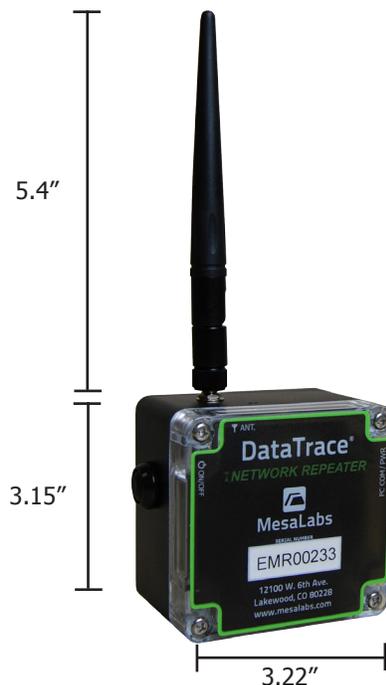
3 dB monopole

DT Antenna

Antenna inside Repeater

*Water-resistant only on request, requires antenna inside

Repeater option



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