



Limited Only By Your *Imagination*

Temperature Monitoring

Model IIOT-2000 / IIOT-2070

IIOTTTI employs any number of methods utilizing our unique devices to monitor temperature data and transmit it wirelessly across the facility, and beyond. IIOTTTI resistive temperature (RTD) or thermocouple (Types J, K, etc.) designs provide reliable, accurate and economical temperature monitoring and data transmission from equipment in areas that were cost prohibitive or unrealistic for hard wired solutions. IIOTTTI offers the total wireless solution for capturing, transmitting and integrating temperature data economically throughout the plant, across the continent, or around the globe. The performance, reliability, integrity and service life of IIOTTTI devices in the some of the most rigorous and congested environments has been proven to be un-equaled.

IIOTTTI single point temperature monitoring devices provide reliable, accurate and economical temperature data acquisition and transmission in a single self-contained, self-powered unit. In areas where AC power is limited or unavailable, the use of IIOTTTI single point temperature monitoring and transmitting devices allows economical acquisition and timely utilization of important physical property data. These devices are available in thermocouple (Types J, K, etc.) or RTD design with operating ranges as defined by the specific application

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and have a self transmitting range of $\frac{3}{4}$ mile or 1.2 kilometers. For longer transmission distance requirements, the use of IIOTTTI Intelligent Repeaters expands the effective range to 7 miles or 11.3 kilometers. For off-site transmission of critical data, the use of other methods can be incorporated into the data integration system.

Typical applications for IIOTTTI temperature monitoring devices include pipelines, tanks or vessels, equipment surfaces or internals, storage areas or buildings, process areas, control panels, etc.



Thermocouple Device



RTD Device

SolutioNet™ 4.0
LoRa® Bluetooth® WirelessHART™

This Datasheet Contains Protected Information

Advanced IIOTTTI temperature sensor technology means reliable and economical surface and thermowell readings

Please refer to test sheets for final parameters

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