

Solution for Data Centre Temperature Management Tempcorder™ 2.4 GHz Active RFID Tags

Your Most Ideal & Smart Assistant for Environment Control

Have you ever tried or considered implementing a temperature monitoring system for your data centre? Increased processor speed and higher server rack density have all contributed to tremendous challenges for modern data centre environment control.



Often, when an equipment is overheated, its reliability and life span will be reduced. Continuous overheat may even lead to fire disaster. To solve this, most companies turn up the air-conditioners to cool the room down. Yet,

at the same time, it also turn up the costs significantly. What will be the most ideal solution to strike a balance between cost, reliability and safety?

The need for an effective and comprehensive environment monitoring system today has become more important than ever before. Maintaining data centre facility and its surrounding environment at pre-set standards is critical for its secure, fast and accurate operation. With our Tempcorder™ tags, you will definitely save significant efforts in achieving all these.

Sense Tag (HKRAT-TT02)



Moist Tag (HKRAT-TT02)



Let Things Talk!

HOW DOES TEMPCORDER TAGS Help?



Step 1

Attach Tempcorder™ tags onto data centre facilities. Install Empress™ Active RFID Reader to cover the area and receive temperature/humidity data from the tags.

Step 2

Temperature data will be sent to the reader along with the tag ID. Any environment changes can be instantly reflected through the PC.

Step 3

Customized software can raise alarms automatically to trigger adjustment of temperature to prevent hazards.

WHY TEMPCORDER TAGS?

Convenient

- Temperature inside data centre can be easily monitored at all times without additional effort or cabling. Temperature/humidity standards can be set and air-conditioning adjustments could be taken automatically with the help of the software.

Accurate & Reliable

- Each tag is equipped with a digital sensor, ensuring accurate detections and readings of temperature/humidity data. Human errors in monitoring temperature/humidity can be avoided while accuracy is enhanced.

Intelligent & Cost Saving

- Any unusual temperature changes will be detected automatically and management will be notified to take actions. At the same time, energy and power is greatly saved to lower costs when temperature can be accurately monitored and adjusted accordingly.

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Company Awards:

