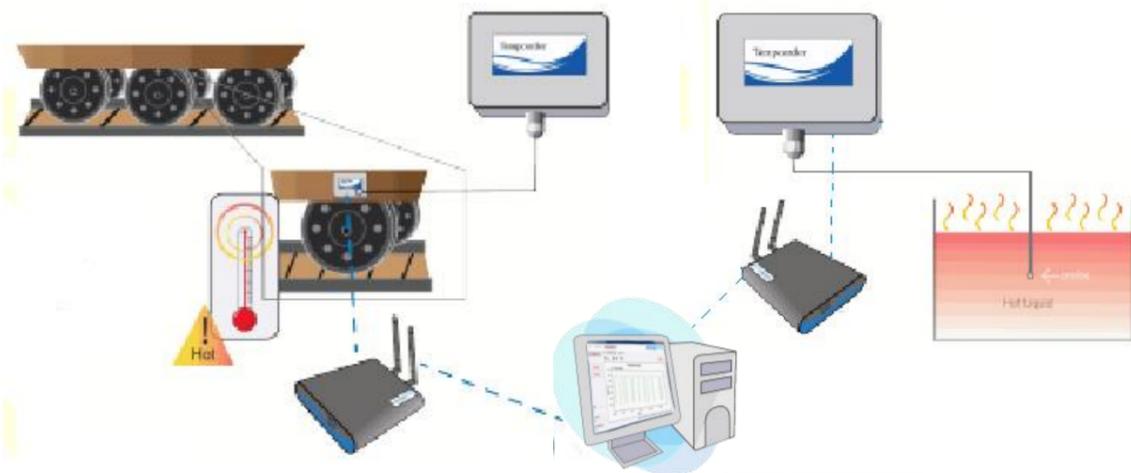


Solution & Application



Attach Extreme tags or its probe to targeted areas. Install Empress Active RFID Reader to receive temperature data.

Data is sent along to the reader automatically. Temperature changes will be reflected accordingly through the PC in real time.

Automated alarms can be triggered if deviations exceed the acceptable level. Preventive actions can thus be taken immediately before hazards occur.



Extreme tag is a special tool for measuring temperatures in extreme environment. Places which is impossible or dangerous for people to reach but require strict temperature control is now possible with the birth of Extreme Tag. It is applicable in a wide variety of applications, from daily uses to industrial uses. Together with its powerful RFID functionalities, not only does it guarantee high sensitivity, accuracy and timeliness, it also turns all the difficult temperature sensing tasks into an easy one!

For enquiries, please contact:
Email: sales@hk-rfid.com
Tel: (852) 3426 9136
Fax: (852) 3426 9519

Company Awards:



Tempcorder Active Tag Series - Extreme Tag (Model: HKRAT-PT02)

Powerful Temperature Sensing Tool for Extreme Surroundings Turning the Impossible to Possible

Temperature sensing and measurement sounds an easy and common task in the modern world. For most places, it is not hard to use simple equipment to measure temperatures or do it manually.

For certain dangerous or hard-to-reach locations such as railway tracks and mining tunnels, it is extremely difficult to obtain accurate temperature information since most equipment cannot withstand those extreme conditions. Yet, accurate measurement and monitoring of temperature in these areas are of vital importance to prevent overheat or any fire hazards.

To overcome this dilemma, Extreme Tag possesses unique design and functionality to suit and work in extreme environment while accuracy and durability are guaranteed.



Extreme Tag (HKRAT-PT02)



Different from most active RFID tags, **Extreme Tag** is equipped with an external probe which detects temperature range from -200°C to +500°C. When used to measure temperatures in extreme conditions, the probe will be placed in contact with objects that are extremely hot while the body of the tag remains at another location which is of less extreme temperature. The smart design enables temperature control for a wide variety of areas, especially suitable for places where are dangerous for human.