

KEILE Cube Temperature Sensor (KLTC3030)

Technical Specification

1. Product Introduction

KEILE Cube Temperature Sensor Tag – Passive sensor

Temperature monitoring can be realized through RFID reader via UHF Antenna, realizing intelligent management and fault warning in the temperature control industry, helping the safe operation of the scene.

Feature:

- High temperature resistance IP68 classification waterproof
- Good anti-metal performance (up to 5 meters distance on metal) with support holder.
- Adapt to all kinds of metal surface.



2. Specification Parameter

Dimension	30 x 30 5mm (±0.2mm)
Tag Materials	Ceramic
Surface Materials	Silver coating
Colour	Silver
Weight	20g
Attachment	High performance epoxy resin
Operating temperature	-40°C ~ + 150°C
Temperature Tolerance	-40°C ~ 200°C (Extreme working condition not exceed 0.5Hour)
IP Classification	IP 65
Protocol	RFID EPC Class1 Gen2 V1.2
Service life time	>25°C working temperature at 100 Years <85°C working temperature at 10 Years
Lightning protection grade	170kV/50ms
Radiated Immunity	⇒ 10V/m
Power frequency withstand voltage	39kV/5Mins; 42kV/1Mins