BeeCool Temperature Monitoring System

About 1.3 billion tons of food is discarded every year due to improper preservation according to the latest statistics by Food and Agriculture Organization. BeeCool system - AUR700 & TL10 are designed to solve this problem. It is your best time & money saver in Cold Chain. AUR700 detects temperature abnormality during transportation and shelf life with simple operation. The receiver would decide GO or NO GO of the goods immediately. The application of combining Cloud database allows consumers to see the traceability easily.
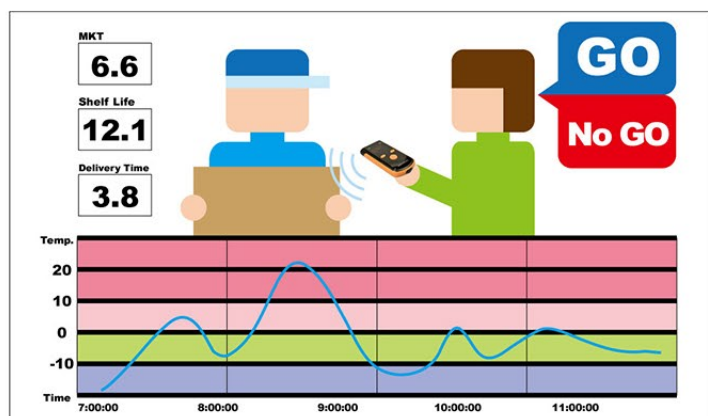

TL10

AUR700

Key features:

- Anti-tampering
- Track & Trace: Shelf Life/ MKT/ Transportation Time/ Temperature Range
- Data monitoring in Cloud base

Specifications:

Item No.	AUR720	TL10
Frequency	860~960 MHz	
RFID Support	ISO 18000-6C, EPC Class 1/Class 3 Gen 2	
Display	16x4 OLED (text mode)	
Sensor		On-chip temperature sensor
Read Range	15 cm	
Memory Size	64K bytes	9K bits
Capacity of Storage	57 loggers	739 records
Interface	Bluetooth 4.0 & USB (virtual COM)	
RTC with backup battery	yes	
Audio Indication	2 LEDs, 1 Buzzer, 1 Vibration	
Battery	Lithium Polymer Rechargable, 3.7V, 800 mA	CR2450 Lithium Coin, 3V, 620 mA
Battery Life	about 3600 scans under scanning per 10 seconds	1yr under 10 minutes per logging
Dimension	62 x 118 x 20 mm	45 x 106 x 11 mm
Operation Temperature	Discharge: -30 ~ 70 Deg C Charge: 0~45 Deg C	-20 ~ 60 Deg C
Humidity	65 +/- 20% RH	

＊Specification is subject to change without notice.

Ordering information:

- AUR720-00   US Frequency
- AUR720-30   Europe Frequency
- TL10
- AUR720SK-00   Start Kit, US Frequency
- AUR720SK-30   Start Kit, Europe Frequency