

“About one-third of food produced for human consumption is lost or wasted globally, which amounts to about 1.3 billion tons per year”

- latest statistics by the Food & Agriculture Organisation

Designed to save time and money in cold chain, the “BeeCool” RFID Temperature Monitoring System: AUR700 & TL10 are designed to solve this problem.

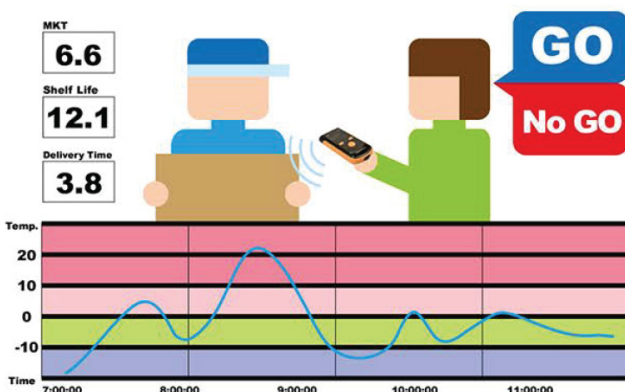
AUR700 detects temperature abnormality during transportation and shelf life with simple operation.

The receiver would decide “Go” or “No Go” of the goods immediately.

The application combined with cloud database allows consumers to easily see traceability.

Features

- Anti-theft
- Anti-tampering
- Track & Trace:
 - Shelf Life
 - MKT
 - Transportation Time
 - Temperature Range
- Real-time monitoring in the cloud



Ordering Information

TL10	Temperature Sensor Tag
AUR700-30	Europe Frequency
AUR700SK-30	Europe Starter Kit
AUR700-00	US Frequency
AUR700SK-00	US Starter Kit



Model No.	AUR700	TL10
Frequency	860~960MHz	
RFID Support	ISO 18000-6C, EPC Class 1 / Class 3 Gen 2	
Display	16 x 4 OLED (text mode)	
Sensor		On-chip temperature sensor
Read range	15cm	
Memory Size	64 Kbytes	9 Kbits
Storage Capacity	57 loggers	739 records
Interface	Bluetooth 4.0 & USB Virtual COM	
RTC	Yes - with backup battery	
Audio Indication	2 LEDs, 1 Buzzer 1 Vibration	
Battery	Lithium Polymer Rechargeable, 3.7V, 800mA	CR2450 Lithium Coin, 3V, 620mA
Battery Life	Approx 3600 scans (@ once per 10 secs)	3 years (@ one log per 10 minutes)
Dimensions	62 x 118 x 20 mm	45 x 106 x 11 mm
Operation Temp	Discharge -30 ~ 70°C Charge: 0 ~ 45°C	-20 ~ 60°C
Humidity	65 +/- 20% RH	