VISION IOT

Smart Tag

STET65311

Smart intellective device to monitor cooler health

Compact, rugged and lightweight battery powered intellective device that has the ability to capture and monitor light, temperature, movement and door open-close events. Also used for CDE health monitoring, tracking, maintenance and management.

Asset tracking

Asset tracking

Waterproof

Waterproof and ultra-rugged IP67 housing with compact and retrofit design

Battery Life

Powered by 1 X AA batteries with upto 5 years battery life

Accelerometer

Accelerometer for smart movement based tracking

Temperature Sensor

Temperature sensor for accurate surrounding temperature measurement

Light sensor

Ambient Light sensor for CDE light on-off event

Magnetoresistive sensor

Magnetoresistive sensor to detect door open-close event

Connectivity

Bluetooth Low Energy	Bluetooth v4.1 and v5.0 support
Bluetooth Sensitivity	-96 dBm Bluetooth LE 1 Mbps -89 dBm Bluetooth LE 2 Mbps
Bluetooth Max Power Output	+4 dBm
Bluetooth Antenna	On Board PCB Antenna
Frequency Band	2.4GHz ISM
Bluetooth Data Rate	2 Mbps and 1 Mbps Bluetooth LE

Battery

Primary Battery Capacity	3.6V/2400mAh
Battery Type	LiSOCL2
Battery Replacement	Not user replaceable
Battery Life	Upto 5 years of battery life with recommended parameter settings
Certificate	IEC 60086 , UL UN38.3 Report & MSDS report

Power

Sleep current	6 uA* *Average current in lowest power configuration

Mechanics/Design

Dimensions	62.2mm (L) X 22.6mm (W) X 23.5mm (H)
Net Weight	45 g
Housing	ABS
IP Rating	IP67
Temperature	-15°C to 45°C Operating -20°C to 60°C Storage
Installation	Compact. Multiple installation options using 3M tape or using Backplate screwing with rivets for securing the device to assets
3- Axis Accelerometer	To detect movement and high G-force events
Ambient Light sensor	For CDE light on-off event
Temperature sensor	For accurate surrounding temperature measurement
Magnetoresistive Sensor	To detect door open-close event
Internal Event Storage	Upto 9728 events

Device Management

Flexible Configuration	Configure the device parameter such as heartbeat interval, Advertisement interval, power, eddystone, ibeacon, TLM frames
OEM Application and server	Manage, monitor, configure, debug, update and restart/restore devices remotely from our OEM application/Server management system

Smarts

Periodic based	Configurable heart beat parameter to save the state/events of ambient light, temperature, Door status and any movement
Impact Detection	Configure impact-detection alerts when g-force is exceeded from the threshold
Energy Saving mode	To save current consumption of the device, which makes battery life longer
Sleep Mode	To conserve the battery life

Warranty

Manufacturer’s warranty	12-month manufacturer’s warranty

Certification

Europe	CE (RED)
China	SRRC
Safety	IEC 62368-1
IP Rating	IP67
Reach Compliant	Yes

*Please contact us for a full list of compliance specifications and documentation

Integration

Third-Party Integration

Device Dimension

All Dimensions Are In mm
Tolarance: +/- (0.5mm)