Item No.: SCiE2
Descriptions: Square shape, white/black casing, powered by 4pcs Li-Fe AA replaceable batteries, acceleration sensor function reserved for customized demand, CE/FCC.

SCiE2 is a BLE4.0/5.0 beacon with the longest transmitting range and life span in SATECHBeacon tag family, because its PCB size and antenna are designed to be bigger. It is a very popular solution in indoor tracking/navigating/info push applications.

KEY FEATURES
Loaded with iBeacon & Eddystone dual-protocol firmware;
Max 300m transmitting range in open field;
Max 5-year battery life span with 10s broadcast interval @ 0dBM;
Affordable extreme working temperature range -40~85 Celsius degree;
IP67 high waterproof level for outdoor applications;
SOS function for emergency reminder;
App tool, SDK, API, Communication Protocol can be provided.

SPECIFICATIONS
Casing
Color: Black/white
Dimension: 72x72x23mm
Waterproof Level: IP67

Electronics
Chipset: nRF52832, LIS3DHTR
Power Supply: 4xAA batteries (4x1100mAh)
Button: Power on, SOS
LED Indicator: Blue, Green, Red

Sensor: acceleration sensor (reserved)

HW Features
Transmitting Range: 300m Max.(in open field)
Battery Lifetime: 5 years Max. (10s interval @ Tx power 0dBM)
Working Temperature: -40~85 Celsius degree
Device fixing tools: 3M adhesive sticker/screws

SW Features
Firmware Protocol: iBeacon & Eddystone
Bluetooth Standard: BLE4.0/5.0
Broadcast Interval: 900-5000ms (900ms in default)
Config App: Beaconfig available for iOS7.0+/Android4.3+

Certificates
CE Regulations: Including EN301489/EN62479/EN60950, etc
FCC Regulations: Including FCC-ID
Design Patent: By SIPO/EUIPO

Technical Support
Development Tools: Android/iOS SDK, API, etc
Restore: Reboot the device via App's button command
OTA: DFU (Device Firmware Upgrading) and guide file
Firmware Loading: J-Link port reserved on the PCB, GPIO file

TECHNICAL DATASHEET

Item	Version	File Name	Updated Date
Device Datasheet	V2.0	STiE2 Datasheet.pdf	2019-5-20
Instruction	V1.0	APP User Guide.pdf	2019-7-15
SDK	V2.1	Android Beconfig SDK & Demo-2.1	2019-7-8
SDK	V3.0	BeaconfigSDK_iOS-v3 & demo	2019-7-4
APP Tool	V1.9	Beaconfig	2019-3-25

PACKAGE DETAILS
Standard Package

Packaging Details	Packaging Box	Carton
Quantity packed	8pcs	120pcs
Net Weight	1.3kg	19.5kg
Gross Weight	1.35kg	20kg
Dimension	31.5x13x7cm	35x32x40cm

底部结束语：

Specifications could be modified without any notification. Non-contractual document.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment