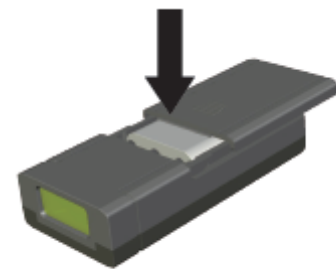**Introduction**

B03 1D barcode portable collector integrated high-performance processor and decoding board, it has fast decoding, high-precision reading ability, and high anti-interference ability. It can easily read barcodes on paper, goods and media. The DOF is a great improvement compared with similar products. It also boosts high scanning speed and powerful reading ability with high accuracy. SGT-B03 come with green colour LED indicator wand rechargeable backup battery. 1000mAh lithium battery allow operation up to 100'000 scanning before the next charge.

Original build in iOs, Andriod and windows Bluetooth driver allow the scanner to pair with common tablet and PC in the market. Small size and light weight allow for easy portable and allow to stick to other portable tablet as scanning accessories.

Build in LED indicator give you a clear indicator of the scanner status, Good read of barcode, entering pairing mode, Charging mode, battery problem mode display clearly on the LED indicator. Additional beeper on the B03 terminal is the enhancement for the terminal indicator.

Specification

Parameter	Specification
CPU	ARM Cortex™-M3,32-bit
Bluetooth Type	BLUETOOTH3.0 Module
Light Source	Visible Red Light 632nm LED
Decode Capability	CODEBAR、CODE11、CODE93 、Full ASCII、ASCII、UPC/EAN Code128、UCC/EAN128、Code39、Code 39Full\MSI、ISBN、ISSN、Postal code、Interleaved 2 of 5
Resolution	0.102mm(4.0mil)@PCS90%
Speed	500 scan/sec
Depth of scan	500mm@20mil/0.5mm,PCS90%
Scan width	≤110mm/PCS 0.9
Scan Mode	Bi-directional single line
Print Contrast	Minimum 45%
Scan angles	Roll：1 +/- 30°Pitch：5 +/- 60°Yaw：5 +/- 60°
Indication	Beeper, LED
Radio Range	10m visual range,80meters effective open distance
EEPROM	512KB，can store thousands of barcode
Battery	1000mAh lithium battery