

ZONITH BLUETOOTH LE ID, MODEL: BT-BLE-ID-BADGE

ENCLOSURE

Size: L:92 x W:63 x H:9 mm
IP Code: IP51
Weight: 41 grams
Color: Black

AMBIENT TEMPERATURES

Operating: Max: +50 °C, Min: -10 °C
Storage: Max: +50 °C, Min: 0 °C

BLUETOOTH

BT 4.0 and BT 4.1 stack BLE

TRANSCEIVER

TX Power: -20 to +4dBm
Frequency: 2.4 – 2.485 GHz
Adaptive Frequency Hopping (AFH)
Sensitivity: -93dBm Bluetooth LE

APPROVALS AND DECLARATION OF CONFORMITY

FCC, CE, IC
FCC ID: 2AJ8P-BTBLE-IDBDG
IC: 22178-BTBLEIDBDG

COUNTRY OR ORIGIN

Taiwan

ID AND ACCESS CONTROL CARDS SUPPORT

Standard: ISO/IEC 7810 ID-1
Dimensions: 85.60 x 53.98 mm
Thickness: 0.76 mm

CARRYING

Orientation: Vertical or Horizontal
Number of straps holder: 2
(vertical or horizontal orientation)
Note: Use clasps or neck straps up to 12 mm wide and 2 mm thick

BATTERY

Type: Li-Polymer 3.7V, Capacity 360mA
Time between charging:
1 month approximately if connected to smartphone
2 – 3 months if used with ZONITH BT Receivers only
Estimate based on room temperature [20°C].
Colder environments will affect life time.
Battery lifecycle: After more than 300 charges the battery is expected to be below 80% of initial capacity

CHARGING

Charging via Micro B USB connector with a charger that supports 5V, 150mA

RANGE

Max distance to Smartphone:
10 meters (33 feet) in open space.
Max distance to ZONITH BT Receiver:
15 - 20 meters (49 – 65 feet) in open space.



Disclaimer

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