AUTOID® Finger scanner characteristics and specifications

Model: AUTOID®   Ring scanner

Introduction ： AUTOID® Ring scanner is designed for high workload of indoor applications, it helps workers to free their hands while carrying goods, to raise working efficiency, and decrease labor intensity.

Characteristics and advantage :

1. **Lightweight and safe**
Only weigh 26g, 21mm thickness, very portable; ergonomic and non-slip design, suitable for long- time wearing.

2. **local storage**
Built-in local storage can reach up to 100 000 datas. Switching automatically to local storage when Bluetooth is disconnected, which ensures that there is no loss of data. Local data can be up loaded in real time through Bluetooth or by U flash disk.

3.Long working life of battery

Micro USB standard charging port, 500mAH lithium polymer battery, low-power design, can assure 8 hours continuous working.

4.Extension of applications

20m transmission distance in free space, widely support various electronic products and operating systems.

5. Rapid scanning

Equip with MotoSE955 1D scan engine, adapted to high-intensity scanning applications

6. Stable connection

Fast and stable Bluetooth connection, automatic prompt for disconnection, SPP/ HID/ BLE multiple connection modes supported.

7. Multiple alert modes

Notification of multiple colors LED and warning buzzer after a successful scanning, the information's interactive commands could have good communication with the host computer through multiple indicator lights and buzzer status.

8.Industrial grade protection

1.5m drop tested, IP65, meet the requirements of applications in multiple severe environments.

Specifications

    ① **Performance Parameters**

1. Operating System：adapt to Android, windows, i0S

2. CPU：MSP430

3. RAM：2MB local storage can store up to 100 000 data

    ② **Physical Characteristics**

1. Weight：26g（battery included）

3、Notification：Charging indicator（red and green double colors），Wireless signal

    indicator（blue），scanning status indicator（red and green double colors），

    vibration alert

4、Keypad：one configuration button，one power button

5、Audio：warning buzzer 100dB

③ Operating environment

1. Drop spec：1.5m (5 feet) multiple drops tested

2. Sealing grade: IP65

3. Humidity：5%-95% RH non condensing

4. Operating Temp：-20℃ to +50℃

5. Storage Temp：-40℃ to +60℃

6. ESD：±15kV air discharge; +/-8kVdc direct discharge

7. Tumble spec：1000 times 1.64 feet/0.5 meter tumbles at room temperature

④ Options for data collection

1D scan engine：1D Motorola SE955

⑤ Options for wireless communication

WPAN：Bluetooth 4.0 dual mode   Transmission distance：20cm（open space）

⑥ Power source

Battery：chargeable Li-polymer battery 500mAh non-removable

⑦ Warranty

AUTOID® ring scanners are warranted for one full year from the date of delivery except the man-made damage case.

Accessory

Standard accessories：power adapter×1，data cable×1