MB200

Pocket Scanner

Introduction

MB200 is a brand new compact design which is especially for ticketing, stocktaking or logistic market. With its tiny body, it can be easily carried in pocket or bag for mobility application. It can easily connect to the mobile device as a host by Bluetooth technology and transfer all the scanned data immediately to the corresponding application program.

MB200C built in linear image scanning module, with its auto-shuttle-emulation-like smart detection that offers superior decoding speed for the majority of 1D barcodes, the scanner delivers excellent decoding performance.
MB200i built in area image scanning module, it drivers same and high performance when your application needs to capture 1D and 2D bar codes, and good ability to read bar codes printed on labels or displayed on the screen of a mobile phone.

MB200 is absolutely a high performance compact barcode scanner that provides the most cost-effective solutions in the market. It is perfectly suitable and definitely the best choice for the application with mobile devices.

Features

- Easy Control With 2 Buttons
- Rechargeable Li-Poly Battery With User Compartment for Easy Replacement
- Data Transmission via Bluetooth V2.1+EDR(Class2, HID/SPP)
- High Performance with 1D or 2D Scannig Module

- Large Data Storage of 4MB Memory
- Reliable Design to Fulfill 1.5m Meter Drop Threshold, IP54-Rated
- Easy Development in AP

MB200

Specifications

System

Micro Processer	32-bit
Operating Platform	Proprietary
Flash Memory	128 Kbyte program. 8M bytes user data that can save over 100,000 itemsof 50 bytes barcode data.
RAM Memory	20 Kbytes
Input Keys	2 buttons, include 1. scan and confirm trigger button, 2. upward scroll button ,
Indicator	1. LED x 1 2. Beeper x 1 3. Vibrator x 1

Power Source

Battery	Lithium-Polymer (3.7V DC, 550mAh)
Battery Charging	via Micro USB connector

Physical Characteristics

Dimensions	41.8mm x 89.9mm x 23.6mm (W x D x H)
Weight	Designed to be approx. 70 g
Available color	Black cover and dark gray bottom cases
Hanger	1 Hanger Hole
Protection	IP54 sealing protection
Drop Spec.	1.5m (5 feet)

Data Input

2 Options:
(1) Linear imager 1D barcode Scanner - MB200C
(2) Aream imager 2D barcode scanner - MB200i

Communication Interface

Wired	Micro USB V2.0 (for Power charge and Batch data transmission)
Wireless	Bluetooth 2.1 + EDR

Functions

Standby Duration	Over 3 months
Scan per charge	50,000 scans [BT off] / 5000 scans[BT On] under normal operating conditions after battery full charged.
Low Battery Alert	Battery levels are indicated by the LED illuminating color
Data Handling	Able to be chosen as on-line (via BT or Wifi) or off-line (batch) mode.
Off-line Mode	Can save over 50,000 items of 50 bytes barcode data.
Indication combination	Can be configured as (1) LED indication (2) LED indication + Beep (3) LED indication + Vibration
Compatibility	Customers can easily develop AP on different OS.

Due to Champtek´s continuing product improvement programs, specifications and features are subjected to change without prior notices.