

MB700C

Portable 1D Wireless Pocket Barcode Scanner

MB700C is a fashionable and cost-effective portable 1D barcode scanner. It has excellent reading performance and can easily read bar codes on different media such as paper, commodities and screens. The product uses enhanced wireless 2.4G transmission technology, the effective distance of outdoor open environment can reach more than 60 meters, can support wired and wireless Bluetooth transmission mode at the same time. It can be mainly used in mobile phone payment, commodity barcode scanning, inventory and so on.



Product Features

- It is anti-drop and anti-vibration with highly integrated one-dimensional decoding structure.
- It can easily identify all mainstream 1D barcodes in the market with high-performance MCU.
- It easy to read barcodes above 3MIL to meet daily scanning needs.
- It uses one-dimensional image imaging technology, paper, printing, plastic, screen bar code can be easily read.
- It has enhanced wireless 2.4G transmission technology, reliable outdoor open transmission distance of more than 60 meters, while supporting wired transmission without switching.
- It supports Bluetooth 4.2 technology, reliable outdoor open transmission distance of up to 30 meters, support computer connection plug and play.
- It supports multiple working modes (storage mode, synchronization mode) to meet different reading requirements.
- It supports Bluetooth HID, SPP, BLE modes and is suitable for a variety of work requirements.
- It supports virtual Bluetooth mode, plug and play when connected to a computer, no need to install Bluetooth driver.
- It supports synchronous mode scan and transfer, and supports storage mode with large capacity to store more than 15,000 commodity codes.
- It supports online upgrade, custom development and secondary development.
- It has a vibration prompt, clear feedback of scanning code, support time display.

Application

Mobile payment, card, chain retail, express supermarket, production and manufacturing, warehousing and logistics, warehouse management, food traceability, power meter reading, asset inventory, medical and health.



warehousing and logistics



Convenience Store



Department Store



Mobile payment

Technical Parameters

Performance

Communication Mode	USB-KBW, 2.4G、Bluetooth
Sensor	Linear CCD Sensor
Pixel	1500
Reading Precision	≥3mil/0.076mm (PCS90%,CODE 39)
Depth of Field	40mm-580mm
Decoding Speed	Up to 300 times per second
Scanning Mode	Trigger, Induction, Continuous, Flicker
Prompt Mode	LED, Buzzer, Vibrator
Reading Angle	Roll: ±30°, Pitch:±60°, Skew: ±60°
	Test Conditions: CODE39,10mil/0.25mm,PCS90%
Print Contrast	≥25%
Ambient Illumination	Dark Environment, Indoor Natural Light
Code System	UPC-A, UPC-E, EAN-8, EAN-13, ISSN, ISBN, Code 128, ISBT 128, Code 39, Code 93, Code 11, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Standard 2 of 5 (IATA), Codabar (NW-7), MSI Plessey, China Post, etc.

Wireless Parameters

Wireless Communication Mode	Instant mode, storage mode
Method of Communication	2.4G、Bluetooth (HID、SPP、BLE)
Wireless Standard	2.4GHZ(ISM frequency band), Bluetooth 4.2
Transmit Distance	≥60meters 2.4G; 30meters Bluetooth(Open distance)
Storage Capacity	224Kb(over 15,000 Product code)
Battery Capacity	450mAh
Charging Time	About 2 hours(5V@1000mA)
Continuous Scan Time	2hours(Continuous)
Standby Time	≥4 weeks
Support system	Windows, Mac OS, IOS, Linux, Unix, Android

Working Environment

Working Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C
Working Humidity	5% to 95% (Non-Condensing)
Transportation Vibration Test	10H@125RPM

**Testing Conditions: Environment Temperature = 24°C, Ambient Light Illumination = 300LUX;

Testing Barcodes Will Be Provided By Our Company**

Notice: There will be no announcement if changing parameters

Mechanical/Electrical Parameters

Product Weight	70g (Scanner)
Appearance	L93.7mm * W41.3mm * H19.8mm
Wire Length	1.0 meters
Interface Type	Type C
Power Input	DC 5V 1A
Current	120mA (Work)

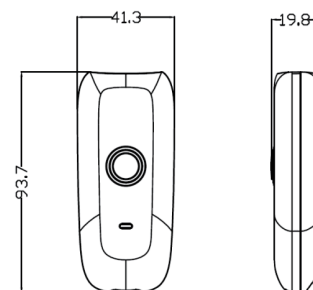
Depth of Field

Barcode Type	Barcode Density	Minimum	Maximum
Code 39	0.076mm(3mil)	60mm	120mm
Code 39	0.127mm(5mil)	45mm	160mm
Code 39	0.25mm(10mil)	45mm	250mm
Code 39	1.0mm(40mil)	120mm	580mm
EAN-13	0.33mm(13mil)	40mm	280mm

Spare Part List

Cable	It is used for connecting Scanner and Host to communicate and charge.
Wireless Receiver	It is used for charge and communication.
Operating Guide	It is used for general settings.

Structure Dimension



SCANTECH ID®
CHAMPTEK Group

SCANTECH-ID BV

Heliumweg 34a 3812 RE Amersfoort, The Netherlands
TEL: +31 (0) 33 4698400 FAX: +31 (0) 33 4650615

www.scantech-id.com

CHAMPTEK INC.

1F, No.4, Alley 2, Shih-Wei Lane, Chung-Cheng Rd., Xindian Dist., New Taipei City 231, Taiwan
TEL: +886-2-2219-2385 FAX: +886-2-2219-2387

www.champtek.com