ComX Computers
Product Specification Sheet

DS6100CB

Microworld 2D Wireless + Bluetooth Barcode Scanner

Product Overview

Microworld DS6100CB 2D Wireless + Bluetooth Barcode Scanner, Red light LED light source, 640 x 480 Resolution, 4mil Resolution, 2000mAh battery capacity, 20h continuous working time, USB, Wireless 2.4G, Bluetooth 4.2



Specifications

Overview summary:

The Microworld DS6100CB is a powerful 2D barcode scanner designed for businesses that need reliable scanning across multiple modes - wired, wireless, and Bluetooth. Its 640 x 480 CMOS sensor delivers fast and accurate decoding of both 1D and 2D barcodes from paper, screen, or labels, making it a versatile option for retail, warehousing, and logistics environments in South Africa.

With a 2000mAh battery providing up to 20 hours of continuous operation, this ergonomic scanner supports 100m 2.4GHz wireless and 30m Bluetooth transmission ranges. It's optimized for high-speed scanning, mobile payment systems, and inventory workflows with intelligent automatic reconnection when out of range.

Scanner tier: Mid-range commercial
Uses: Inventory management, retail checkout, logistics, mobile payments, asset tracking

Overview:

DS6100CB i s a high-performance 2D Wireless Bluetooth barcode scanner with leading CMOS image recognition technology

- It can easily read the paper, goods, screen and other media barcodes
- Widely used in manufacturing, warehouse, logistics, health care, retail chain
- Mobile payment, express delivery, inventory management, food traceability, asset Inventory, etc

Features:

- Ergonomic design, comfortable using
- Read all mainstream 1D 2D barcodes in the market easily. (4mil)
- Interface: USB, wireless 2.4G, Bluetooth
- Dual mode: wired, wireless, Ultra-low power consumption
- Transmission distance 100m, intelligent automatic connection when it's beyond range, not manual setting

- Widely used in supermarket, warehouse, mobile payment, chain stores

Specifications:

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Specifications	
Product Code	DS6100CB
Performance	
Light Source	Red Light LED 625+/-10nm(aim), 5600K LEDs(Lighting)
CPU	32-bit
Resolution	640 x 480
Resolution	4mil/0.1mm(PCS90%, Code 39)
Decoding Speed	25CM/S
Scan Mode	Manual, Continuous, Auto sense
Scan angle	Test Conditions:CODE39, 10mil/0.25mm, PCS90%
Print Contrast Signal	25%
Ambient Light	Dark environment, indoor natural light
Wireless Communication Mode	Synchronization, storage
Wireless Transmission Distance	2.4GHz, 100m, Bluetooth,30 m(Open distance)
Storage	16Mb (over 100,000 barcodes)
Battery Capacity	2000mAh
Battery Charging Time	About 7 h
Continuous Working Time	=20h
Symbologies	1D:UPC-A, UPC-E, EAN-8, EAN-13, Code 128 Industrial 2 of 5, Standard 2 of 5(IATA25), Codabar(NW-7, etc 2D: QR Code, Micro QR Code, Data Matrix, PDF417, etc
Physical Parameter	
Weight	160g(without cable)
Dimension	L150mm x W70mm x H95mm
Communication	USB, wireless 2.4G, Bluetooth 4.2
Interface Type	USB
Power Supply	DC 5V@150mA (work)
Environmental	
Operating temperature	0 to 50
Storage temperature	-20 to 60
Humidity	5% to 95%(non-condensing)
Drop Height	1.5m
Temp. Test	30 minutes for high Temp, 30 minutes for low Temp

High Temp. 60	60
Low Temp.	-20
Transport vibration Test	10H@125RPM
Accessories List	
Cable	USB, connect the scanner to a host device and charging
Receiver	Used to receive and transmit scanner data

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/DS6100CB-Microworld-2D-Wireless-Bluetooth-Barcode-Scanner-p-261287.php

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