



BD-1510U Wireless handheld barcode scanner, 2D & QR code reader, USB, black

Birch BD-1510 is a Bluetooth wireless 1D & 2D bar code scanner designed and priced to compete in the cabled scanner market.

The Birch BD-1510U combines energy efficiency and high performance with the unprecedented versatility of a wireless barcode and 2D scanner priced to attract customers in both the cabled scanner and wireless scanner market.



The innovative energy efficient design and “cradlefree” charging system ensures the BD-1510U is always operational.

Main features of the Birch BD-1510 1D & 2D barcode scanner

- cableless bar code and QR code scanning via Bluetooth
- wireless signal range up to 12 meters
- “cradlefree” charging system
- capability to be set up into [mode suitable for national keyboard layout](#)
- possibility to store the scanned codes in the memory when the wireless connection is not available



Technical Description

Functionality & Operation

Memory	16MB (i.e. cca 800 thousands of codes)
Communication interface	Bluetooth® Class 2 (2.4 GHz)Version 4.0+EDR, USB
Indicators	LEDs. buzzer, vibration
Wireless communication	Bluetooth®
1D Barcode Symbolologies	Code 128, Code 39, Code 93, EAN 13/UPCA, EAN 8, UPCA, UPCE, Code 11, Codabar, Interleaved 2 of 5, Industrial 2 of 5, GS1-DataBar
2D Code Symbolologies	QR code, PDF417, Data Matrix, GS1 QR Code, GS1 DataMatrix
Signal coverage	12m

Optical

Minimum symbol contrast	30%
Bar code scanner	2D Imager (640 x 480 px)
Light source	visible red LED 617 nm + illumination: white LED 6500K
Resolution	5 mil
Depth of scan field	40 mm ~ 200 mm
Minimal PCS value	30%
Scanning rate	60 fps

Electrical

Main battery pack	Li-Ion 800 mAh, 3,7V
Main battery pack operating time	8 hours (10000 scans)
Battery charging time	4hr
Power Source	+3,3 VDC ±5%, Rechargeable Li-Ion Battery
Power Consumption - Operation	150mA
Power Consumption - Standby	90mA

Mechanical

Color	black
Weight	180g
Dimensions	Width: 65mm, Height: 90mm Length: 155mm
Body housing	ABS plastic

Environment

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