

BD-6510T Wireless handheld barcode scanner, 2D & QR code reader, incl. cradle, USB, black

The BD-6510T is a wireless handheld scanner capable of high performance at a distance of up to 100 meters from the charging + communication cradle. It is primarily intended for point-of-sale, for healthcare, post offices and services.

The user-friendly design and large trigger make it easy for users to focus on the scanned code; the ergonomic shape is comfortable to hold in the hand even for long hours. The scanner is easy to use and effective in working in all business areas.



Main features of the Birch BD-6510T wireless 2D scanner

- 1.0MP CMOS image, frame rate up to 60fps
- Support OCR (Passport, ID card, driving license card, Visa Card etc.)
- High performance on read 1D/2D QR etc codes on paper and screen
- 3-in -1 transmission: Cradle +BT+Type-B Cable
- With charge cradle, one key pair, one-key upload data
- Support for double firmware upgrade online: wireless and decoder.
- Support for inventory mode, memory 380,000 bytes (EAN-13 code)

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Technical Description

Functionality & Operation

Data memory	380kB
Communication interface	Bluetooth, USB
Signal coverage	100m
Indicators	LED (red-green-blue); programmable beeper; buzzer
1D Barcode Symbolologies	EAN 13/UPCA, EAN 13/UPCA + ADDON 2, EAN 13/UPCA + ADDON 5, EAN 13, EAN 8, EAN 8 + ADDON 2, EAN 8 + ADDON 5, UPCA, UPCA + ADDON 2, UPCA + ADDON 5, UPCE, UPCE + ADDON 2, UPCE + ADDON 5, Codabar, Code 128, Code 39, Code 93, EAN 128, IATA Code, Interleaved 2 of 5, ITF-14, MSI, Plessey, Standard 2 of 5, Code 32, RSS-Stacked, GS1 DataBar-14, ISBN/ISSN, and others
2D Code Symbolologies	PDF417, QR code, RSS, Composite codes, Data Matrix, Aztec, MaxiCode, DotCode, OCR, GS1 DataMatrix, GS1 QR Code
Wireless communication	Bluetooth®

Optical

Depth of scan field	25 mm ~ 350 mm
Maximal skew angle	41°
Maximal pitch angle	28°
Minimum symbol contrast	20%
Resolution	4 mil
Viewing angle	0 to 55°
Bar code scanner	2D Imager (1280 x 800 pixels)
Scanning rate	60 fps
Light source	visible red LED 625nm, illumination: white LED 4.000 °K

Electrical

Power Source	+5 VDC ±5%
Power Consumption - Operation	400mA
Main battery pack operating time	12 hours
Main battery pack	Rechargeable Li-Ion battery 2000 mAh

Mechanical

Maximal rotation angle	360°
Body housing	ABS plastic, TPU
Color	black

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