



## BZ-R Wireless handheld barcode scanner, 2D & QR code reader, USB, black

The Birch BZ-R family of wireless barcode scanners stands out for its simplicity and low cost. The "EZ pair" technology allows you to scan barcodes up to 100 meters from your computer. Thanks to the Bluetooth communication interface and USB dongle you will not be restricted in the open space.

The fast data transfer with RF 2.4Ghz technology make the scanned data real time available for your system, it is very comfortable for use. The data transmission distance of RF technology on BZ-R series is 100 meters (in the open space). The 2-in-1 holder supports your applications either on desktop or handfree high stand operation. Moreover, the holder is based on the modular design, then it can be with very light and small packaging to save your transportation cost.



## Key features of the Birch BZ-R scanner

- USB dongle
- signal range range between the scanner and USB dongle up to 100 m in open space
- optional 2 in 1 holder
- EZ pairing
- ease of use









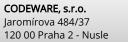




## **Technical Description**

## Functionality & Operation

Functionality & Operation	
2D Code Symbologies  Aztec, Data Matrix, Micro QR Code, QR code, MicroPDF417, PDF417, MaxiCode, Codablock F, Composicodes, GS1 QR Code, GS1 DataMatrix, GS1 DataBar Composite Code	ite
Signal coverage 100m	
Communication interface USB, USB-HID, USB-VCP	
1D Barcode Symbologies All standard one-dimension barcodes	
Optical	
Depth of scan field 25~100mm	
Minimal PCS value 45%	
Scanning rate 60 fps	
Resolution 5 mil	
Bar code scanner 2D Imager , 752 × 480 pixels	
Light source visible red LED 650 nm	
Electrical	
Power Consumption - Standby 100mA	
Power Consumption - Operation 350mA	
Battery charging time 4hod	
Main battery pack Li-lon 1200 mAh, 3,7V	
Power Source +3,3 VDC ±5%	
Mechanical	
Color black	
Body housing ABS plastic	
Dimensions Width: 67mm, Height: 186mm Length: 91mm	
Weight 140g	
Environment	
Shock resistance drop from 1,5 m onto concrete surface	
Operating temperature 0 to 40°C	
Operating temperature 0 to 40°C  Relative humidity (non-condensing) 10 to 90%	



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