BZ-R01 Wireless linear imager scanner, Black, USB HID dongle

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 hand-free 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	
Signal coverage	100m
Communication interface	USB, USB-HID, USB-VCP
1D Barcode Symbologies	All standard one-dimension barcodes
Optical	
Resolution	3 mil
Scanning rate	270 scan/s
Depth of scan field	30~200 mm
Light source	visible red LED 660 nm
Minimal PCS value	45%
Bar code scanner	1D Imager , 2500 px
Electrical	
Power Consumption - Standby	90mA
Power Consumption - Operation	110mA
Battery charging time	4hod
Main battery pack	Li-Ion 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
Relative humidity (non-condensing)	10 to 90%
Storage temperature	-20 to 60°C



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