

## BZ-R15 Wireless laser bar code 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 Symbolologies | All standard one-dimension barcodes |

## Optical

|                     |                                |
|---------------------|--------------------------------|
| Depth of scan field | 30mm~430mm                     |
| Minimal PCS value   | 30%                            |
| Scanning rate       | 114 ± 10 scans/sec.            |
| Resolution          | 4 mil                          |
| Bar code scanner    | Laser                          |
| Light source        | visible laser diode VLD 650 nm |

## Electrical

|                               |                       |
|-------------------------------|-----------------------|
| Power Consumption - Standby   | 70mA                  |
| Power Consumption - Operation | 130mA                 |
| 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                           |

### CODEWARE, s.r.o.

Jaromírova 484/37  
120 00 Praha 2 - Nusle  
IČ: 61061395, DIČ: CZ61061395

+420 222 562 444  
codeware@codeware.cz  
<https://www.codeware.cz/>

