

## BT-4910 Pocket-size Wireless Bar Code Scanner (Birch)



The wireless CCD bar code scanner BT-4910 is a clever 3-in-1 scanning combination: it is a tiny pocket-size datacollector with memory, it is also a wireless Bluetooth scanner, and it can be a classic wired bar code scanner with USB cable if you need one. The BT-4910 scanner makes your mobile and portable application better and easier.

As part of the basic equipment of the reader you will find in the box also a Bluetooth USB-dongle to quickly create a wireless connection with your PC, and USB cable through which the reader is being charged. The device is based on 32-bit CPU with a high scanning rate (250 sc./sec.) and decoder is equipped with auto-correction algorithm - two features that allow you to read poor quality and even damaged barcodes.

### Headline Features of BT-4910 Scanner

- switch between memory mode (data-collector) and wireless mode (Bluetooth) by long press of the scanning button, no need of set-up bar code scanning
- depth of reading field up to 220 mm
- high scan rate 250 scans/sec and auto-correction algorithm of decoder enables reading poor quality and damaged barcodes
- fully operable 72 working hours with fully charged battery under normal operation, recharging time through USB cable less than 1.5 hour



BT-4910 turns itself into a classical CCD bar code scanner with USB interface instantly after plugging the cable. No set-up barcode or configuration change is necessary, just plug the cable.



### Technical Description:

Functionality & Operation	
<b>CPU Type</b>	32-bit
<b>Buttons</b>	2 (Scan, Clear Data)
<b>Beeper</b>	can be set ON/OFF
<b>Memory</b>	28 Kb
<b>Indicators</b>	3 LED (good read, memory full, Bluetooth on, charging)
<b>1D Barcode Symbologies</b>	Codabar , Code 11 , Code 32 Pharmaceutical (PARAF) , Code 39 , Code 93 , EAN 13/UPCA , EAN 13/UPCA + ADDON 2 , EAN 13/UPCA + ADDON 5 , EAN 8 , EAN 8 + ADDON 2 , EAN 8 + ADDON 5 , GS1 Data Bar (RSS) , Industrial 2 of 5 , Interleaved 2 of 5 , Matrix 2 of 5 , MSI , Plessey , Telepen , UPC2 , UPC5 , UPCA , UPCA + ADDON 2 , UPCA + ADDON 5 , UPCE , UPCE + ADDON 2 , UPCE + ADDON 5
<b>Communication interface</b>	USB-HID , USB-VCOM , Bluetooth Class I (2.4 GHz)
<b>Wireless communication</b>	Bluetooth Class I (2.4 GHz) - 100 meters range of line-sight

**Optical**

<b>Optical system</b>	Linear CCD Imager (630nm Red LED LAMP)
<b>Depth of scan field</b>	0 mm to 220 mm
<b>Scanning rate</b>	250 sn/Sec
<b>Resolution</b>	4 mil (Code 39, 9 digits, PCS : 0.9)
<b>PCS min</b>	45 %

**Electrical**

<b>Power Source</b>	Li-ION rechargeable
<b>Main battery pack operating time</b>	72 h

**Mechanical**

<b>Dimensions</b>	Width: 40mm, Height: 17.5mm, Length: 89mm
<b>Weight</b>	75 g
<b>Color</b>	black , white

**Environment**

<b>Relative humidity</b>	10 % to 90 %
<b>Operating temperature</b>	-10 °C to 40 °C
<b>Storage temperature</b>	-20 °C to 65 °C

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