

## DS8178, BT, 1D/2D, multi-IF, kit (USB), presentation cradle, black

With the DS8178 Zebra offers you an extremely high performing 1D/2D area imager with an 800 MHz processor. The high-performance scanner also reads dirty, faded and problematic bad quality barcodes from a distance of up to 61 cm in a matter of seconds (even from a smartphone display), thanks to the integrated high resolution sensor and Zebra's "PRZM technology". It captures customer cards, promotion cards, vouchers and much more for simple payment settlement, also directly from a customer's smartphone – optimal for usage at and around the cash register, as well as in logistics.

In addition to all classic 1D and 2D barcodes, the DS8108 also supports barcodes based on the watermark technology, Digimarc. These barcodes are invisible to the human eye and are spread all over the product packaging. There is no need to turn the article, since the DS8178 can read the barcode in any direction. Thanks to Zebra's free-of-charge remote software »SMS« (Scanner Management Service), you manage and configure the DS8108 and many other models worldwide from a PC, smartphone or tablet.



### Key features:

- Unprecedented performance with PRZM Intelligent Imaging
- dedicated Power Charge Gauge
- Wi-Fi Friendly Mode
- ScanSpeed Analytics provides detailed performance metrics on every barcode
- 123Scan, Scanner Management Service (SMS), Scanner SDK, DataCapture DNA
- high performance of battery



# Technical Description

## Functionality & Operation

Indicators	Direct Decode Indicator, Good Decode LEDs, Rear View LEDs, beeper, battery indicator
Communication interface	RS232, USB
1D Barcode Symbolologies	Code 39, Code 128, Code 93, Codabar, Code 11, MSI, Plessey, UPC/EAN, Industrial 2 of 5, Korean 3 of 5, GS1-DataBar, Base 32, Digimarc
2D Code Symbolologies	PDF417, MicroPDF417, Composite codes, TLC-39, Aztec, Data Matrix, MaxiCode, QR code, Micro QR Code, HanXin Code, Postnet, DotCode , SecurPharm, Dotted DataMatrix
Wireless communication	Bluetooth®
WPAN Features	Standard Bluetooth Version 4.0 with BLE: Class 1 330 ft./100m and Class 2 33 ft./10m, Serial Port and HID Profiles
Keyboard	Supports over 90 international keyboards

## Optical

Depth of scan field	0 - 688 mm
Maximal skew angle	60%
Maximal pitch angle	60%
Minimal PCS value	16%
Bar code scanner	2D Imager
Resolution	1280 x 960 pixels
Light source	Aiming Pattern: circular 617nm amber LED, Illumination: 645nm red LEDs

## Electrical

Main battery pack	
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## Mechanical

Color	black
Dimensions	Width: 66mm, Height: 107mm Length: 168mm
Weight	235.3g

## Environment

Electrical static discharge	±15kV air, ±8kV contact
Maximal ambient light	96840lux
Shock resistance	multiply drops from 1,8 m onto concrete surface, 2000 tumbles at 0,5 m
Operating temperature	0 to 50°C
Operating humidity (non-condensing)	5 to 95%

## 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/>

