## CODEWARE

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## *in. Zebra

## DS8108, 1D/2D, SR, multi-IF, black

With the DS8108 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 DS8108 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 |
| :---: | :---: |
| Keyboard | Supports over 90 international keyboards |
| Communication interface | RS232, USB |
| 1D Barcode Symbologies | Code 39, Code 93, Code 128, UPC/EAN, Code 11, Codabar, MSI, Plessey, Industrial 2 of 5, Korean 3 of 5, Base 32, GS1-DataBar, Digimarc |
| 2D Code Symbologies | PDF417, MicroPDF417, TLC-39, Composite codes, Aztec, Data Matrix, MaxiCode, Micro QR Code, MicroPDF, QR code, Postnet, HanXin Code, DotCode, SecurPharm, Dotted DataMatrix |
| Optical |  |
| Bar code scanner | 2D Imager |
| Depth of scan field | 0-688 mm |
| Maximal skew angle | 60\% |
| Maximal pitch angle | 60\% |
| Minimal PCS value | 16\% |
| Resolution | $1280 \times 960$ pixels |
| Light source | Aiming Pattern: circular 617nm amber LED, Illumination: 645 nm red LEDs |
| Mechanical |  |
| Color | black |
| Dimensions | Width: 66mm, Height: 107 mm Length: 168 mm |
| Weight | 154g |
| Environment |  |
| Electrical static discharge | $\pm 15 \mathrm{kV}$ air, $\pm 8 \mathrm{kV}$ 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 $50^{\circ} \mathrm{C}$ |
| Operating humidity (non-condensing) | 5 to 95\% |
| Ingress protection | IP52 |
| Storage temperature | -40 to $70^{\circ} \mathrm{C}$ |

