



## DS4608 - 1D / 2D, OCR scanner, SR, with USB cable

The Zebra DS4608 is a highly multi-faceted barcode scanner. The scanner is also robustly designed for demanding tasks: it features IP52 certification and is impact-resistant from heights up to 1.8 meters. The recessed scan window helps reduce dirt and scratches. The DS4608 reliably and quickly captures 1D and 2D on nearly any background and in nearly any condition: printed or from a display, with a high density or a low contrast. The DS4608-SR, on the other hand, also scans full-page documents and barcodes at a distance of up to 46 cm.

The barcode scanner is equipped with an 800 MHz microprocessor and a high-resolution megapixel sensor. Together with Zebra's PRZM intelligent imaging technology even poorly readable or hard to reach barcodes are reliably captured. Multi-code data formatting ensures that, as needed, multiple barcodes are captured with a single scan and are transferred in the desired order. A particularly practical feature is the host recognition, which automatically selects the right interface (USB, RS-232 or RS-485) when connected.



Another benefit of the DS4608 is the quick change between handheld and presentation modes. For presentation mode, simply place the barcode scanner in the presentation stand. Handheld mode is automatically activated as soon as the scanner is picked up.

The DS4608 enjoys support from the service offerings of DataCapture DNA, with a range of unique tools for development, management, transparency and productivity.



# Technical Description

## Functionality & Operation

Communication interface	USB
1D Barcode Symbolologies	Code 39, Code 128, Code 93, Code 11, MSI, Plessey, UPC/EAN, Interleaved 2 of 5, Korean 3 of 5, GS1-DataBar, Base 32, CodaBar/NW7
2D Code Symbolologies	MicroPDF417, PDF417, Composite codes, TLC-39, Aztec, Data Matrix, MaxiCode, QR code, Micro QR Code, HanXin Code, DotCode, OCR, OCR-A, OCR-B, Postal Codes, SecurPharm, Dotted DataMatrix
Indicators	Direct Decode Indicator, Good Decode LEDs, rear view LEDs, beeper

## Optical

Maximal skew angle	60%
Depth of scan field	0 - 1118 mm
Bar code scanner	2D Imager
Minimal PCS value	15%
Light source	Aiming Pattern: circular 617nm amber LED, Illumination: 660nm red LEDs
Resolution	1280 x 800 pixels
Maximal pitch angle	60%

## Electrical

Power Source	4.5 ~ 5.5VDC 340 mA
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## Mechanical

Dimensions	Width: 67mm, Height: 98mm Length: 165mm
Weight	161.9g

## Environment

Operating temperature	0 to 50°C
Storage temperature	-40 to 70°C
Operating humidity (non-condensing)	5 to 95%
Shock resistance	2000 tumbles at 0,5 m, multiply drops from 1,8 m onto concrete surface
Ingress protection	IP52
Maximal ambient light	107000lux
Electrical static discharge	±15kV air, ±8kV contact

## Others

Warranty	5 years
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