

DS9908, 1D/2D, SR, multi-IF, kit (USB), RFID 865-868 MHZ, black

The hybrid imagers of the DS9900 Series from Zebra convince with their performance and futuristic design. In handheld mode, the imagers may be used just as well with the left as with the right hand — and if the user has his hands full, he continues to scan reliably in presentation mode. A capacitive touch sensor, along with an accelerometer, ensures that the imagers immediately switch from presentation mode to handheld mode as soon as they are picked up. In presentation mode, the scan field is automatically set so that nearby objects are not accidentally scanned. In handheld mode, the setting changes automatically, making it easy to capture objects up to 62 cm away.

The imagers' equipment includes an 800 MHz microprocessor and Zebra's »PRZM Intelligent Imaging Technology«. Together they provide excellent performance when reading 1D, 2D and Digimarc barcodes. And all that regardless of their condition – digital barcodes on smartphones, poorly readable, crumpled, faded, shiny, damaged barcodes and those with a poor contrast are reliably captured. In addition to reading RFID tags to complete a purchase, the DS9900 Series RFID model is capable of writing data to RFID tags - enabling staff to quickly commission tags on new inventory items and returned goods for faster processing.



Key features:

- Unprecedented performance with PRZM Intelligent Imaging
- Dynamic switching between hands-free and handheld modes
- ScanSpeed Analytics provides detailed performance metrics on every barcode
- 123Scan, Scanner Management Service (SMS), Scanner SDK, DataCapture DNA



2D CODE



1D CODE



2D
IMAGER
READER



RFID UHF



RFID



WIRED



USB

Technical Description

Functionality & Operation

Communication interface	USB
RFID transponder protocols	EPC Class 1 Gen2; EPC Gen2 V2; ISO-18000-63
Frequency	UHF: 865 - 868 MHz (EU)
Indicators	Direct Decode Indicator, Good Decode LEDs, beeper (adjustable tone and volume)
Keyboard	Supports over 90 international keyboards
1D Barcode Symbolologies	Digimarc, 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, Italy Pharma Code
2D Code Symbolologies	PDF417, MicroPDF417, Composite codes, TLC-39, Aztec, Data Matrix, MaxiCode, Micro QR Code, OCR, OCR-A, OCR-B, QR code, HanXin Code, Postnet

Optical

Depth of scan field	0 - 627 mm
Maximal skew angle	60%
Maximal pitch angle	60%
Minimal PCS value	16%
Resolution	1280 x 800 pixels
Light source	
Bar code scanner	2D Imager

Electrical

Power Consumption - Standby	135mA
Power Consumption - Operation	400mA
Power Source	4.5 to 5.5 VDC Host Powered; 4.5 to 5.5 VDC External Power Supply

Mechanical

Dimensions	Width: 99mm, Height: 203mm Length: 146mm
Weight	420g
Color	black

Environment

Shock resistance	2000 tumbles at 0,5 m, multiply drops from 1,2 m onto concrete surface
Ingress protection	IP42
Electrical static discharge	±15kV air, ±8kV contact

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