



DS9908, 1D/2D, SR, multi-IF, kit (RS232), 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



1D CODE



2D CODE



RS 232



2D IMAGER
READER



WIRED

Technical Description

Functionality & Operation

| | |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Communication interface | RS232 |
| 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 | 70mA |
| Power Consumption - Operation | 321mA |
| Power Source | 4.5 to 5.5 VDC Host Powered; 4.5 to 5.5 VDC External Power Supply |

Mechanical

| | |
|------------|------------------------------------------|
| Color | black |
| Dimensions | Width: 94mm, Height: 203mm Length: 132mm |
| Weight | 330g |

Environment

| | |
|-----------------------------|------------------------------------------------------------------------|
| Shock resistance | multiply drops from 1,5 m onto concrete surface, 2000 tumbles at 0,5 m |
| Ingress protection | IP52 |
| Electrical static discharge | ±15kV air, ±8kV contact |
| Maximal ambient light | 107600lux |
| Operating temperature | 0 to 50°C |

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