

Top 15 Competitive Advantages for the DS3608-SR/DS3678-SR



UNMATCHED DEVICE PERFORMANCE

- Unparalleled scanning performance
- 50% greater working range than other devices in its class
- Only device to offer Bluetooth 4.0
- Only device to offer Wi-Fi Friendly Mode
- Double the battery power — up to 70,000 scans per charge

INDUSTRY-LEADING RUGGED DESIGN

- Only device to offer an 8 ft./2.4 m drop spec
- Only device to offer a double sealing rating: IP65 and IP67
- Only device with a rugged cradle
- Only device with freezer compliant cables


EASIER FOR WORKERS TO USE

- Only device to offer a battery charge gauge
- Only device to offer a Bluetooth status LED
- Capture up to 20 barcodes — simultaneously

EASIER TO MANAGE

- Detailed battery metrics for superior battery management
- Industry-best free management tools

DS36x8-SR Specifications

Physical Characteristics	
Dimensions	Corded: 7.3 in. H x 3.0 in. W x 5.2 in. D 18.5 cm H x 7.6 cm W x 13.2 cm D Cordless: 7.3 in. H x 3.0 in. W x 5.6 in. D 18.5 cm H x 7.6 cm W x 14.2 cm D
Weight	Corded: 10.8 oz./305 g; Cordless: 14.4 oz./407 g
Input Voltage Range	Host powered: 4.5 VDC min., 5.5 VDC max. External power supply: 11.4 VDC min., 12.6 VDC max.
Operating Current	DS3608-SR (corded): 340 mA (typical)
Standby Current	DS3608-SR (corded): 100 mA (typical)
Color	Industrial Green
Supported Host Interfaces	USB, RS232, Keyboard Wedge
Battery	 PowerPrecision+ 3100 mAh Li-Ion rechargeable battery
User Indicators	Direct decode indicator; LEDs; beeper; vibration
Performance Characteristics	
Scans per Full Charge	70,000+
Illumination	One (1) Hyper Red 660nm LED
Imager Field of View	Horizontal: 42°, Vertical: 28°
Image Sensor	1,280 x 800 pixels
Minimum Print Contrast	15% minimum reflective difference
Skew/Pitch/Roll	Skew: ± 60°; Pitch: ± 60°; Roll: ± 360°
Decode Capabilities***	
1D	Code 39, Code 128, Code 93, Codabar/NW7, Code 11, MSI Plessey, UPC/EAN, I 2 of 5, Korean 3 of 5, GS1 DataBar, Base 32 (Italian Pharma)
2D	PDF417, Micro PDF417, Composite Codes, TLC-39, Aztec, DataMatrix, MaxiCode, QR Code, Micro QR, Chinese Sensible (Han Xin), Postal Codes
User Environment	
Operating Temp.	Corded: -22° F to 122° F/-30° C to 50° C Cordless: -4° F to 122° F/-20° C to 50° C
Storage Temp.	-40° F to 158° F/-40° C to 70° C
Humidity	5% to 95% condensing
Drop Specification	Withstands multiple 8.0 ft./2.4 m drops to concrete
Tumble Specification	5,000 tumbles @ 3.3 ft. (1 m)
Sealing	Scanner: IP65 and IP67; FLB cradle: IP65
ESD	Per EN61000-4-2, ±25 KV air discharge, ±10 KV direct discharge, ±10 KV indirect discharge

Utilities and Maintenance	
123Scan²	Programs scanner parameters, upgrades firmware, provides scanned barcode data and prints reports. For more information, visit www.zebra.com/123Scan
Scanner SDK	Generates a fully-featured scanner application, including documentation, drivers, test utilities and sample source code. For more information, visit https://www.zebra.com/windowsSDK
Scanner Management Service (SMS)	Remotely manages your Zebra scanner and queries its asset information. For more information, visit www.zebra.com/sms
Wireless Connectivity	
Bluetooth Radio	Bluetooth Class 1, Version 4.0 (LE), serial port and HID profiles
Data Rate	3 Mbit/s (2.1 Mbit/s) for Classic Bluetooth 1 Mbit/s (0.27 Mbit/s) for Low Energy
Radio Range	Direct line of sight in open air : Class 1: Up to 300 ft. (100.0 m) Class 2: Up to 30 ft. (10.0 m)

Recommended Services	
Zebra OneCare Select; Zebra OneCare Essential	
Decode Ranges	
Symbology/Resolution	Near/Far
Code 128: 5 mil	1.3-6.7 in./3.3-17 cm
Code 128: 20 mil	2.8-28.0 in./7.1-71.1 cm
Code 128: 40 mil	1.7-60 in./4.4-152.4 cm
Datamatrix: 7.5 mil	1.9-6.0 in./ 4.8-15.2 cm
Datamatrix: 10.0 mil	1.4-8.6 in./3.5-21.8 cm

* Dependent upon barcode size and symbology.

** Heated scanner holder accessory required for use in freezers.

*** Refer to Product Reference Guide for complete list of symbologies.