PRODUCT SPEC SHEET
ZEBRA DS4308P

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HANDS-FREE AND HANDHELD SCANNING. A NEW LEVEL OF PERFORMANCE.

SCAN VIRTUALLY ANY 1D OR 2D BAR CODE FARTHER AND FASTER WITH THIS NEXT GENERATION COMBINATION PRESENTATION/HANDHELD SCANNER. The DS4308P is a feature-rich combination handheld and hands-free 2D imager that resets the bar for scanning performance, scanning range, versatility and ease-of-use. In presentation mode, its tiny footprint is ideal for space constrained areas. In handheld mode, the small and lightweight design provides the ergonomics workers need for all day scanning comfort. In either mode, workers can capture virtually any bar code faster than ever, whether it is displayed on a smartphone, tablet or computer or printed on a label — even if it is scratched, damaged or dirty. With its extraordinary scanning range, you get one powerful scanner that does the job of two, eliminating the need to purchase separate standard and extended range scanners. The result? A new class of scanner for a new world of bar codes.

PRZM Intelligent Imaging technology for next generation performance
Resets the bar for 2D imaging by improving decode performance and snappiness, dramatically improving the user experience, user productivity, throughput and wait times.

Switch between presentation and handheld mode on the fly.
When the DS4308P is sitting on the counter, it will automatically scan any bar code in the “scan zone”. All users need to do is pick up the scanner to switch to triggered handheld operation.

Scan virtually any bar code on any medium
Scans 1D, 2D and PDF417 bar codes printed on paper labels or displayed on mobile devices or computer screens.

Megapixel sensor for maximum data capture flexibility
Delivers the resolution required for longerdistance scanning, clear photos, sharp signatures and more accurate OCR data.

Largest “sweet spot” for can’t-miss point-and-shoot scanning simplicity
With a decode range that allows users to scan any bar code type at any density nearer and farther than any other scanners in its class, scanning is truly second nature -- users just point and shoot.

Drivers license parsing
This optional feature goes beyond bar code capture to allow you to collect and send the information you need — such as date of birth — directly to any backend system.

Omni-directional scanning
Enables true point-and-shoot scanning simplicity by eliminating the need to align bar code and scanner.

Durable design for superior uptime

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THE DS4308P IS AT HOME IN...

Retail
- Point-of-Sale (POS)
- Age verification
- Mobile loyalty
- Mobile coupons
- Driver’s license parsing (DL model required)
- Checkpoint EAS tag deactivation

Hospitality
- Mobile loyalty
- Mobile coupons
- Event check-in

Travel and Transportation
- Printed and mobile boarding passes

Asset tracking
- Library books
- Document tracking

COMPLIMENTARY MANAGEMENT TOOLS
Simplify and reduce the cost of everyday management with our nocost tools. 123Scan2 and Scanner Management Service (SMS) work hand-in-hand to reduce management time and cost by automating initial configuration and enabling remote management of your DS4308P scanners.

Built to survive a 5 ft./1.5 m drop to concrete, the DS4308P delivers reliable operation, despite the inevitable everyday drops. And the pedestal base protects the scanner from exposure to and damage from spilled liquids.

Adjustable beeper volume and frequency tone
You get the flexibility to adjust beeper characteristics for your environment — from a quiet boutique store to a noisy quick serve restaurant.

Superior out-of-box experience
Smart auto-host detect cables automatically determine which interface is attached, eliminating the need to scan numerous configuration bar codes. Over 90 international keyboards are hosted within the scanner for easy setup, all around the world.

Unsurpassed aiming technology
Crisp and bright aiming dot has the reach and brightness needed for long distance scanning — as well as picklist mode.

Easy on the eyes
Thanks to a special LED wavelength and recessed lighting, when a bar code is scanned, the light that is emitted is soft and unobtrusive, preventing eye fatigue and improving the environment for customers and workers.

GIVE YOUR WORKERS THE POWER TO CAPTURE ANY BAR CODE ON ANY MEDIUM IN ANY CONDITION, WITH HANDHELD OR HANDS-FREE FLEXIBILITY.

For more information, visit **www.zebra.com/ds4308p** or access our global contact directory at **www.zebra.com/contact**

SPECIFICATIONS CHART

PHYSICAL CHARACTERISTICS

Dimensions	8.15 in. H x 5.18 in. L x 3.74 in. W 20.7 cm H x 13.15 cm L x 9.5 cm W
Weight (w/o cable)	10.6 oz. / 300 g
Power	5 VDC ± 10% @ 360 mA (RMS typical)
Interfaces Supported	USB , RS232, Keyboard Wedge, RS485 (IBM 46xx) , SS I The scanner supports the following protocols over USB : HID Keyboard (default mode), SNAPI, IBM SurePOS (Yellowstone) (IBM Handheld, IBM Tabletop, OPOS), USB CDC, SS I over USB CDC, Toshiba TEC The scanner supports the following protocols over RS232: Standard, Wincor Nixdorf, ICL, Fujitsu, Olivetti, Omron and CUTE

SYMBOLOGY DECODE CAPABILITY

1D	UPC/EAN, UPC/EAN with supplementals, Bookland EAN, ISS N, UCC Coupon Extended Code, Code 128, GS1-128, ISB T 128, Code 39, Code 39 Full ASCII, Trioptic Code 39, Code 32, Code 93, Code 11, Matrix 2 of 5, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MS I, Chinese 2 of 5, GS1 DataBar variants, Korean 3 of 5, ISB T Concat
2D	PDF417, MicroPDF417, Composite Codes, TLC-39, Data Matrix, Maxicode, QR Code, MicroQR, Aztec, Han Xin
Postal	Australian Post, US PLANET, Royal Mail 4 State Customer, US POS TNET, KIX Code (Dutch), UK Postal, Japan Post,

PERFORMANCE CHARACTERISTICS

Light Source	Aiming pattern: 617 nm LEDs Illumination: 660 nm LEDs
Imager Field of View	36° (H) x 22.5° (V)
Roll/Pitch/Yaw	0 - 360°; ± 65° or greater; ± 60° or greater
Print Contrast	20% minimum reflective difference
Motion Tolerances	Up to 30 in. / 76.2 cm per second

ACCESSORIES

Mounting Options	Combination desk mount/wall mount bracket
Power Supplies	Power supplies are available for applications that do not supply power over the host cable

WARRANTY

**Subject to the terms of Zebra's hardware warranty statement,
the DS4308P is warranted against defects in workmanship and
materials for a period of 5 years from the date of shipment. For the
complete Zebra hardware product warranty statement, go to:
http://www.zebra.com/warranty**

	UPU 4 State Postal FICS (Post US4), USPS 4 State Postal (Post US3), Canadian Post (Postbar)
Minimum Resolution	Code 39 4 mil, UPC 60% 7.8 mil, PDF417 5 mil, Datamatrix 7.5 mil

USER ENVIRONMENT

Operating Temp.	32° F to 122° F/0° C to 50° C
Storage Temp.	-40° F to 158° F/-40° C to 70° C
Humidity	5% to 95%, non-condensing
Drop Specification	Withstands multiple 5 ft./1.5 m drops to concrete
Environmental Sealing	IP42
Ambient Light Immunity	Immune to normal indoor lighting up to 1600 Lux; immune to sunlight up to 86,000 Lux

REGULATORY

Electrical Safety	UL60950-1 2nd ed, CSA C22.2 No . 60950-1 2nd ed, EN60950-1/IEC60950-1 2nd ed.
LED Safety	IEC 62471:2006 and EN 62471: 2008
EMI/RFI	FCC Part 15 Class B, ICES-003 Class B, EN55022 Class B, EN55024, Medical Electrical Equipment: EN60601-1-2
Environmental	Compliant with RoHS directive 2011/65/EU

RECOMMENDED SERVICES

**Enjoy easy access to fast repair and expert support with Service
from the Start; add “next business day” replacement with
Advanced Exchange.**

DECODE RANGES

SR FOCUS RANGE		TYPICAL WORKING RANGES	
BAR CODE TYPE	**SYMBOL DENSITY**	**NEAR**	**FAR**
Code 39	3.0 mil	1.5 in. / 3.8 cm	5.4 in / 13.7 cm

Code 39	5.0 mil	0 in. / 0 cm	11.0 in / 27.9 cm
PDF417	6.6 mil	1.1 in. / 2.8 cm	8.0 in / 20.3 cm
UPC	13.0 mil	0 in. / 0 cm	28.0 in / 71.1 cm
Data matrix	10.0 mil	2.0 in / 5.1 cm	9.0 in / 22.9 cm
Code 39	20.0 mil	0 in / 0 cm	53.0 in / 134.6 cm
QR	10.0 mil	1.1 in./2.8 cm	8.5 in./21.6 cm
QR	20.0 mil	0.9 in./2.3 cm	16.2 in./41.1 cm

123Scan²
Programs scanner parameters, upgrades firmware, provides scanned bar code data and prints reports.
www.zebra.com/123Scan2

Scanner Management Service (SMS)
Remotely manages your Zebra scanner and queries its asset information.
www.zebra.com/sms

Scanner SDK
Generates a fully-featured scanner application, including documentation, drivers, test utilities and sample source code.
www.zebra.com/software

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