ANY BAR CODE. A NEW LEVEL OF PERFORMANCE. MORE VERSATILITY.

SYMBOL DS4308

SCAN ANY 1D OR 2D BAR CODE FARTHER AND FASTER WITH NEXT GENERATION SCANNING TECHNOLOGY.

The DS4308 is a feature-rich next generation 2D imager that resets the bar for scanning performance, scanning range, versatility and ease-of-use. 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. Its small and lightweight design offers the ergonomics your workers need for all day comfort in the most scan intensive jobs. A variety of models meet a wide range of business needs — from the Point-of-Sale in a retail store to the light industrial manufacturing production line. Regardless of which model you choose, you get one powerful scanner that does the job of two. The Standard Range (SR) model offers an extraordinary range, eliminating the need to purchase separate standard and extended range scanners. The High Density (HD) model scans standard bar codes as well as the tiny, dense barcodes commonly found on jewelry tags, consumer electronics and electronic components — eliminating the need to purchase separate standard and high density specialty scanners. And driver’s license parsing can be added to either model. The result? An extraordinary feature set and an extraordinary value.

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.

Scan 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 longer-distance 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.

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
Built to survive a 6 ft./1.83 m drop to concrete, the DS4308 delivers reliable operation, despite the inevitable everyday drops.

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 light industrial manufacturing production line.

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.

Complimentary tools simplify and reduce the cost of everyday management
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 DS4308 scanners.

GET NEXT GENERATION BAR CODE CAPTURE IN YOUR ENTERPRISE WITH THE DS4308.

For more information, visit www.motorolasolutions.com/ds4308 or access our global contact directory at www.motorolasolutions.com/contactus
SPECIFICATIONS CHART

PHYSICAL CHARACTERISTICS

Dimensions 6.48 in. H x 3.86 in. L x 2.64 in. W
16.5 cm H x 9.8 cm L x 6.7 cm W

Weight (w/o cable) 5.71 oz. / 162 g

Power 5 VDC ± 10% @ 360 mA (RMS typical)

Interfaces Supported USB, RS232, Keyboard Wedge, RS485 (IBM 46xx), SSI

The scanner supports the following protocols over USB: HID Keyboard (default mode), SNAPI, IBM SurePOS (Yellowstone), IBM Tabletop, OPOS, USB CDC, SSI over USB CDC, Toshiba TEC

The scanner supports the following protocols over RS232: Standard, Wincor Nixdorf, ICL, Fujitsu, Olivetti, Omron and CUTE

PERFORMANCE CHARACTERISTICS

Light Source Aiming pattern: 617 nm LED
Illumination: 660 nm LED

Imager Field of View 36° (H) x 22.5° (V)

Roll 0 - 360°
Pitch ± 65° or greater
Yaw ± 60° or greater

Print Contrast 20% minimum reflectfice difference

Motion Tolerances Up to 30 in. / 76.2 cm per second

SYMBOLIC DECODE CAPABILITY

1D


PDF417, MicroPDF417, Composite Codes, TLC-39, Data Matrix, MaxiCode, QR Code, MicroQR, Aztec, Han Xin

2D

Postal

Australian Post, US PLANET, Royal Mail 4 State Customer, US POSTNET, KIX Code (Dutch), UK Postal, Japan Post, UPU 4 State Postal FICS (Post USA), USPS 4 State Postal (Post USA), Canadian Post (Postbar)

Minimum Resolution SR: Code 39 4 mil, UPC 60% 7.8 mil, PDF417 5 mil, Datamatrix 7.5 mil HD: Code 39 3 mil, UPC 60% 7.8 mil, PDF417 4 mil, Datamatrix 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 6 ft./1.83 m drops to concrete

Ambient Light Immunity Immune to normal indoor lighting up to 1600 Lux; immune to sunlight up to 80,000 Lux

Part number: DS4308. Printed in USA 07/14. MOTOROLA, MOTO, MOTOROLA SOLUTIONS, the Stylied M logo and Symbol are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. ©2014 Motorola Solutions, Inc. All rights reserved.