Lector DS4308-HC

Especificaciones Técnicas



ZEBRA DS4308-HC

PROTECT PATIENT HEALTH WITH NEXT GENERATION BAR CODE SCANNING

IMPROVE PATIENT SAFETY AND INCREASE CAREGIVER PRODUCTIVITY WITH NEXT GENERATION SCANNING.

Bar code scanning at patient bedside is crucial in preventing medication and specimen mixups — two of the potentially deadliest errors in a hospital. But scanning bar codes in a hospital can be a challenge. There are many types of bar codes including traditional paper-based, those displayed on an electronic screen, codes printed on curved surfaces, high density codes printed On very small items and bar codes in all types of conditions — from smudged to scratched and poorly printed. Now, you can give your healthcare workers the ability to scan them all with the ds4308-hc. This feature-rich next generation 2d imager resets the bar for scanning performance, scanning range, versatility and ease-of-use. The result? The priceless peace of mind that the right patient received the right medication and the right test results, every time. The ds4308-hc — the ideal companion for laptops on workstation-on-wheels (wows) and other types of carts in your hospital.

PRZM Intelligent Imaging technology for next generation performance

Resets the bar for 2D imaging by improving decode performance and snappiness, ensuring the virtually instant capture of bar codes required in the mission critical world of healthcare.

Megapixel sensor and advanced algorithms enable first time capture of any bar code, on any medium — in virtually any condition

Give your healthcare workers true peace of mind with the ability to scan virtually any 1D, 2D or PDF417 bar code, as well as the many challenging bar codes in healthcare — including the tiny dense codes wrapped around the curved surface of a vial to bar codes that are stained or smudged.

Largest “sweet spot” for can’t-miss point-and-shoot scanning simplicity

A decode range allows healthcare workers to scan any bar code type at any density nearer and farther than any other scanners in its class, making scanning truly second nature. And with omni-directional scanning,healthcare workers never need to waste valuable time aligning bar code and scanner.

Withstands constant disinfecting

IP42 sealing and a specially designed disinfectant-ready plastic housing allow safe wipe-down with a wide variety of harsh chemicals to help prevent the spread of germs.

Unsurpassed aiming technology

The crisp and bright aiming dot has the reach and brightness needed to ensure the fast capture of data.

Durable design for superior uptime

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

THE DS4308-HC IDEAL FOR...

- Medication administration
- Blood product administration
- Specimen tracking
- Medication tracking in the pharmacy and on the pharmacy cart
- Electronic healthcare record access
- Patient identification

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 DS4308-HC scanners.

DISTRIBUIDOR AUTORIZADO:

CALI: Calle 38 AN No. 4N - 183 PBX: 665 1117 - 317 363 7420 MEDELLÍN: Carrera 73 A No. 31 A - 78 PBX: 235 2205 – 448 9971
mercadeo@etimarcas.com – www.etimarcas.com

Day and night 'do-not-disturb' modes

Healthcare workers can choose to mix and match the decode feedback that is right for the moment: visual (green light/ red light), haptic (vibration) and an audible tone.

Superior out-of-box experience

The DS4308-HC is up and running almost instantly. 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.

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 patients and healthcare workers.

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) , 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

PERFORMANCE CHARACTERISTICS

Light Source	Aiming pattern: 617 nm LED Illumination: 660 nm LEDs
Imager Field of View	36° (H) x 22.5° (V)
Roll Pitch	0 - 360° ± 65° or greater

SYMBOLOGY DECODE CAPABILITY

1-D	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
2-D	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, UPU 4 State Postal FICS (Post US4), USPS 4 State Postal (Post US3), Canadian Post (Postbar)
Minimum Resolution	SR: Code 39 4 mil, UPC 60% 7.8 mil,

DISTRIBUIDOR AUTORIZADO:

AVERY DENNISON · EXICON · brother · DATALOGIC · Dynapas · EPSON · GS1 · Honeywell · Intermec · LOGyCA · net LogistiK · Monarch · siesa · star · unitech · ZEBRA

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Yaw	± 60° or greater
Print Contrast	20% minimum reflective difference
Motion Tolerances	Up to 30 in. / 76.2 cm per second

ACCESSORIES

Hands-Free Options	Gooseneck Intellistand
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 DS4308-HC 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

	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 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.

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DECODE RANGES

HD FOCUS RANGE		TYPICAL WORKING RANGE	
BAR CODE TYPE	SYMBOL DENSITY	NEAR	FAR
Code 128	3.0 mil	1.0 in / 2.5 cm	3.0 in / 7.6 cm
Code 39	3.0 mil	0.5 in / 1.3 cm	5.8 in / 14.6 cm
Code 39	5.0 mil	0.0 in / 0.0 cm	10.0 in / 25.4 cm
micro PDF	4 mil	1.0 in /2.5 cm	4.7 in / 11.9 cm
PDF417	6.6 mil	0.2 in / 0.5 cm	7.8 in / 19.7 cm
UPC	13 mil	0 in / 0 cm	16.5 in / 41.9 cm
Datamatrix	5 mil	1.2 in / 3.0 cm	3.5 in / 8.9 cm
Datamatrix	7.5 mil	1.0 in / 2.5 cm	6.5 in / 16.5 cm
Datamatrix	10.0 mil	0.8 in / 1.9 cm	8.2 in / 20.8 cm
Code 39	20.0 mil	0 in / 0 cm	30.0 in / 76.2 cm
QR	10.0 mil	0 in / 0 cm	7.0 in / 17.8 cm
QR	20.0 mil	0.5 in / 1.3 cm	11.0 in / 27.9 cm