

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

SYMBOLGY 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, 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

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	

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