DS9208 SPECIFICATIONS

Physical Characteristics

Dimensions
5.512 in. H x 3.232 in. W x 3.150 in. D 14.0 cm H x 8.21 cm W x 8.0 cm D

Weight
9.5 oz./269 g

Voltage and Current
Idle: 5 ± 10% VDC @ 150ma average Scanning: 5 ± 10% VDC @ 230ma average

Color
Midnight Black

Symbology Decode Capability

1D
UPC/EAN (UPCA/UPCE/UPCE1/EAN-8/EAN-13/JAN-8/JAN-13 plus supplementals, ISBN (Bookland), ISSN, Coupon Code), Code 39 (Standard, Full ASCII, Trioptic,Code 32 (Italian Pharmacode), Code 128 (Standard, Full ASCII, UCC/EAN-128, ISBT-128 Concatenated), Code 93, Codabar/NW7, 2 of 5 (Interleaved 2 of 5, Discrete 2 of 5, IATA, Chinese 2 of 5, Matrix 2 of 5, Code 11), MSI Plessey, GS1 DataBar Omnidirectional, Truncated, Stacked, Stacked Omnidirectional, Limited, Expanded,Expanded Stacked)

PDF417 (and variants)
PDF417 (Standard, Macro), MicroPDF417(Standard, Macro), Composite Codes (CC-A,CC-B, CC-C)

2D
TLC-39, Aztec (Standard, Inverse), MaxiCode, DataMatrix/ECC 200 (Standard, Inverse), QR Code (Standard, Inverse, Micro)

Postal
U.S. Postnet and Planet, U.K. Post, Japan Post, Australian Post, Netherlands KIX Code, Royal Mail 4 State Customer, UPU FICS 4 State Postal, USPS 4CB, Canadian Post (Postbar)

Nominal Working Range
Code 39 – 5 mil: 0 – 4.5 in. (0 – 11.4 cm)
UPC/EAN – 10 mil (80%): 0 – 8.5 in. (0 – 21.6 cm)
UPC/EAN – 13 mil (100%): 0 – 10.5 in. (0 – 26.7 cm)
PDF417 – 6.6 mil: 0 – 3.8 in. (0 – 9.6 cm)
Datamatrix – 10 mil: 0 – 4.7 in. (0 – 11.9 cm)

Minimum Resolution
Code 39 – 4 mil
UPC – 7.8 mil (60%)
PDF417 – 5 mil
Datamatrix – 7.5 mil

QR Code – 7.5 mil

User Environment

Operating Temp.
32° F to 104° F / 0° to 40° C
Drop Specs
Withstands multiple 5 ft./1.5 m drops to concrete
Humidity
5% to 85% RH (non-condensing)
Ambient Light Immunity
Immune to natural and artificial ambient light (i.e. sunlight, incandescent, fluorescent,mercury vapor, sodium vapor)

Options

Electronic Article Surveillance
Compatible with Checkpoint EAS deactivation systems
Accessories
Wall mount bracket; locking mount bracket

Performance Characteristics

Light Source
Aiming pattern: single dot, 625nm LED Illumination: 630nm LEDs
Imager Field of View
46° Horizontal x 29.5° Vertical
Roll
360°
Pitch
± 65°
Yaw
± 60°
Print Contrast
25% minimum reflective difference
Swipe Speed (Vertical Read Rate)
Up to 90 in./2.3 m per second

Imaging Characteristics

Graphics Format Support
Images can be exported as Bitmap, JPEG or TIFF

Image Transfer Speed
USB 2.0: Up to 12 Megabits/second RS-232: Up to 115 kb/second

Image Transfer Time
Typical USB application is ~0.2 seconds with a compressed JPEG of 100kb

Image Quality
120 PPI on a 4 x 6 in./10.2 x 15.2 cm document @ 4.7 in./11.9 cm

Interfaces

Interfaces Supported
USB, RS-232, RS-485 (IBM 46xx Protocols), Keyboard Wedge

Regulatory

Electrical Safety
UL6950-1, CSA C22.2 No. 60950-1:2nd ed., EN60950-1: 2nd ed. + A11: 2009 IEC60950-1: 2nd ed.

LED Safety
IEC / EN 60825-1: 2001 Class 1M LED, EN 62471: 2008 IEC 62471: 2006

EMI/RFI
FCC CFR47 Part 15 Class B: 2007, ICES-003 Issue 4 :2004 Class B, EN 55022: 2006 + A1: 2007, EN 55024: 1998 +A1: 2001 + A2: 2003 AS/NZS CISPR22:2006, VCCI:2007

Environmental
Compliant with RoHS Directive 2002/95/EC

Warranty

Subject to the terms of Zebra's hardware warranty statement, the DS9208 is warranted against defects in workmanship and materials for a period of 3 years from the date of shipment. For the complete Zebra hardware product warranty statement, go to: www.zebra.com/warranty

Recommended Services

Support Services
Service from the Start Advance Exchange Support