ZEBRA

DS1000 Handheld Imager

FAST AND RELIABLE 1D/2D SCANNING

From government mandates to essential general-purpose scanning applications, you can capture it all with the DS1000 corded handheld imager. Your workers get point-and-shoot simplicity on everything from printed and electronic 1D and 2D barcodes to coupons and loyalty cards. Lightweight and compact, the DS1000 ensures all-day comfort. And with Zebra's legacy of industry-best performance, ease of use and reliability, you can count on the DS1000 to serve your everyday 1D and 2D scanning needs at a great value.

Streamline your recordkeeping and meet government mandates

Whether you need to scan the barcode on an invoice or a QR code on a mobile device, the DS1000 has you covered. Easy to setup and always reliable, you can count on the DS1000 to help you meet your recordkeeping needs.

Simplify the scanning experience with DataCapture DNA

It takes more than hardware to resolve today's toughest enterprise challenges. It requires intelligent software to address the needs of every stakeholder. That's why Zebra scanners contain DataCapture DNA, the genetic code that simplifies the entire scanning experience. Every DS1000 comes with complimentary management tools like the industry's most intuitive configuration wizard, so even a first-time user can easily setup the scanner. Additionally, set-it-and-forget-it remote management tools dramatically simplify scanner deployments of any size. And our Scanner Software Development Kit (SDK) provides everything you need, including documentation, drivers, test utilities and sample source code for Windows, Android, iOS and Linux.

Proven quality you can trust

For over 40 years, Zebra has set new standards in the scanning industry, providing cutting-edge technology and products across all industries and businesses. It's why 95% of Fortune 500 companies trust Zebra to reach higher levels of productivity, growth and service. When you choose the DS1000, you get the peace of mind that comes with choosing world-renowned quality and reliability, as well as well-proven technology from the global leader in handheld barcode scanning.

Meet your everyday scanning needs

The DS1000 offers practical barcode scanning performance so workers can easily capture your everyday 1D and 2D barcodes. With omni-directional scanning, there is no need to line up the imager and the barcode for true point-and-shoot simplicity.

PUT THE FAST AND RELIABLE DS1000 TO WORK IN YOUR EVERYDAY 1D AND 2D SCANNING APPLICATIONS.

For more information about the DS1000 Handheld Imager, access our global contact directory at **www.zebra.com/contact**

DS1000 Specifications

PHYSICAL CHARACTERISTICS

Dimensions	6.5 in. H x 2.6 in. W x 3.9 in. D 16.5 cm H x 6.6 cm W x 9.8 cm D
Weight	4.69 oz. / 133.0 g
Input Voltage Range	4.5 to 5.5 VDC Host Powered; 4.5 to 5.5 VDC External Power Supply
Current	Operating Current at Nominal Voltage (5.0V): 200 mA (typical). (Note: Auto-Aim and Illumination on Acquiring Image) Standby Current (idle) at Nominal Voltage (5.0V): 150 mA (typical). (Note: Auto-Aim On)
Color	Midnight Black
Supported Host Interfaces	USB
User Indicators	Direct Decode Indicator; good decode LEDs; Rear view LEDs; beeper (adjustable tone and volume)

PERFORMANCE CHARACTERISTICS

Motion Tolerance (Handheld)	Up to 5 in./13 cm per second for 13 mil UPC
Swipe Speed (Hands-Free)	Up to 30.0 in./76.2 cm per second for 13 mil UPC
Light Source	Aiming Pattern: Linear 624 nm Amber LED
Illumination	645 nm Super-Red LED
Imager Field of View	32.8° H x 24.8° V Nominal
Image Sensor	640 x 480 pixels
Minimum Print Contrast	25% minimum reflective difference
Skew/Pitch/Roll Tolerance	+/- 65°; +/- 65°; 0-360°
Minimum Element Resolution	Code 39 - 4.0 mil; Code 128 - 4.0 mil; Data Matrix - 6.0 mil; QR Code - 6.7 mil

USER ENVIRONMENT

Operating Temperature	32.0° to 122.0° F/0.0° to 50.0° C
Storage Temperature	-40.0° to 158.0° F/-40.0° to 70.0° C
Humidity	5% to 95% RH, non-condensing
Drop Specification	Designed to withstand multiple drops at 4.0 ft./1.2 m to concrete
Tumble Specification	Designed to withstand 250 tumbles in 1.5 ft./.5 m tumbler[1]
Environmental Sealing	IP40
Electrostatic Discharge (ESD)	ESD per EN61000-4-2, +/-15 KV Air, +/-8 KV Direct, +/-8 KV Indirect
Ambient Light Immunity	0 to 10,000 Foot Candles/0 to 107,600 Lux

REGULATORY

Electrical Safety	EN 60950-1 2ed + A11 + A1 + A12 + A2:2013, IEC 60950-1 2ed + A1 + A2, UL 60950-1, CAN/CSA-C22.2 No. 60950-1-07
Environmental	RoHS EN 50581
LED Safety	IEC 62471
IT Emissions	EN 55032 (Class B)
IT Immunity	EN 55024
Harmonic Current Emissions	EN 61000-3-2
Voltage Fluctuation and Flicker	EN 61000-3-3
Radio Frequency Devices	47 CFR Part 15, Subpart B, Class B
Digital Apparatus	ICES-003 Issue 6, Class B

DECODE CAPABILITIES[2]

1D	Code 39, Code 128, Code 93, Codabar/NW7, Code 11, MSI Plessey, UPC/EAN, I 2 of 5, Korean 3 of 5, GS1 DataBar, Base 32 (Italian Pharma)
2D	PDF417, Composite Codes, TLC-39, Aztec, DataMatrix, MaxiCode, QR Code, Micro QR, Han Xin, Postal Codes

WARRANTY

Subject to the terms of Zebra's hardware warranty statement, the DS1000 Corded Scanner is warranted against defects in workmanship and materials for twelve (12) months from the date of shipment. For the complete Zebra hardware product warranty statement, go to: http://www.zebra.com/warranty

DATACAPTURE DNA

123Scan	Programs scanner parameters, upgrades firmware, provides scanned barcode data and prints reports. www.zebra.com/123Scan
Software Development Kit	Generates a fully-featured scanner application, including documentation, drivers, test utilities and sample source code. www.zebra.com/scannersdk
Remote Management	Through either the Zebra Scanner Management Service (SMS) or Windows Management Instrumentation (WMI), access asset information and statistics, set parameters and update firmware. www.zebra.com/sms

DECODE RANGES (TYPICAL)[3]

SYMBOLOGY	RESOLUTION	NEAR	FAR
Code 39	5 mil	0.2 in./0.5 cm	6.0 in./15.2 cm
Code 128	5 mil	0.8 in./2.0 cm	4.0 in./10.2 cm
PDF 417	6.7 mil	0.8 in./2.0 cm	5.7 in./14.5 cm
UPC	13 mil (100%)	0.6 in./1.5 cm	12.0 in./30.5 cm
Data Matrix	10 mil	0.3 in./0.8 cm	6.2 in./15.7 cm
QR	20 mil	0.4 in./1.0 cm	10.0 in./25.4 cm

[1] Note: 1 tumble = 0.5 cycle.   [2] Refer to Product Reference Guide for complete list of symbologies.   [3] Printing resolution, contrast, and ambient light dependent.

ZEBRA

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