ZEBRA

DS4800 SERIES

ELITE PERFORMANCE, ELEGANTLY CRAFTED

Your store represents your brand. You take pride in its design. The ambiance it creates is a big part of your customer's experience, and you've worked hard to make sure they feel it the moment they walk through your doors. With the DS4800 Series, you can extend that customer experience right to your POS. This innovative bar code scanner offers style without compromise, marrying impressive design with the same great reliability, functionality and manageability you expect from Zebra.

Ergonomics and style
Designing the DS4800 Series with human factors in mind allowed us to combine the sophistication and strength of an arc with a grip and trigger position that maximize scanning comfort.

High performance scanning meets premium design
The DS4800 Series offers the best of both worlds ' scanning capability and chic consumer styling. The DS4800 Series will not only impress your shoppers, it will keep lines moving at the POS. It can capture any 1-D and 2-D bar code printed on a paper label or displayed on the screen of a shopper's mobile phone.

Customizable
Order a custom design that will complement your d©cor and promote your brand ' the cover can be printed with a pattern or a solid color along with your logo. In addition, you can create your own unique scan tone.

Flexible handheld and hands-free operation
Specially designed to complement the DS4800 Series and your environment, the optional Intellistand enables automatic switching between presentation and handheld modes.

Innovations that take the scanning experience to the next level
The traditional mechanical trigger is replaced with a modern capacitive touch trigger, complete with haptic feedback. Your cashiers can choose their preferred trigger action ' a quick tap, press or swipe of a finger or thumb. Flexible decode feedback ensures the DS4800 Series will integrate seamlessly into your environment while remaining easy to use. Instead of the traditional beeptone that signifies a successful scan, you can choose from vibrations, visual feedback and a library of melodic tones that will complement your environment.

Maximum uptime for a low TCO
Our industry leading all-inclusive affordable service plans help keep your DS4800 Series scanners in the hands of your workforce, practically every minute of every day. Comprehensive Coverage protects your scanners from the unexpected, significantly reducing unforeseen repair expenses with protection that starts the moment you purchase the device. And Service from the Start Advance Exchange Support adds next-business-day advance replacement of devices that require repair.

FEATURES

Form and function
The DS4800 Series brings a new level of style to your POS. This easy to use scanner can complement the most sophisticated, fashion-conscious decor.

High performance 1-D/2-D scanning
Capture every bar code that is presented at your POS ' 1-D, 2-D, printed on labels, displayed on a mobile phone screen, high density, poorly printed, damaged and under shrinkwrap.

PRZM Intelligent Imaging technology ' only from Zebra
Resets the bar for 2-D imaging by enhancing decode performance and snappiness, dramatically improving the user experience.

Customizable to fit into your environment and promote your brand
In addition to standard colors alpine white and midnight black, the DS4800 Series can be printed with a custom design or your corporate color, as well as your logo.

Fast and easy deployment
Configured to the most optimal settings for reduced out of the box user setup time.

Innovative and flexible scanning experience
Choose any combination of visual, audio, or physical decode feedback to meet the

The style you want. The enterprise reliability and functionality you need.

For more information, visit **www.zebra.com/ds4800**

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SPECIFICATIONS

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PHYSICAL CHARACTERISTICS

Dimensions	7.47 in. L x 2.61 in. W x 1.90 in. H 19.0 cm L x 6.6 cm W x 4.8 H
Weight	6 oz. (168 g) including cable, cable weight = 2 oz. (53g)
Voltage & Current	5VDC +- 10% @ 360 mA (RMS Typical)
Power Source	USB VBUS
Color	Alpine White & Midnight Black
Supported Host Interfaces	USB
Keyboard Support	Supports over 90 international keyboards

PERFORMANCE CHARACTERISTICS

Skew Tolerance	86° (measured using 100% UPC-A ; ±3 degree accuracy)
Pitch Tolerance	82° (measured using 100% UPC-A ; ±3 degree accuracy)
Roll Tolerance	360°
Motion Tolerance	Up to 20 in./sec.
Light Source	Aiming 606nm LED; Illumination: 640nm LED
Imager Field of View	40° (H) x 26° (V) Nominal
Minimum Print Contrast	20%

UTILITIES AND MANAGEMENT

123Scan[2], Scanner Management Services (SMS), Zebra Scanner SDK

REGULATORY

Environmental	Compliant with RoHS directive 2002/95/EEC
Electrical Safety	UL60950-1 2nd ed, CSA C22.2 No . 60950-1 2nd ed, EN60950-1/IEC60950-1 2nd ed

USER ENVIRONMENT (CONTINUED)

Bar Code Symbologies	**1-D**: UPC/EAN, UPC/EAN with supplementals, Bookland EAN, ISSN, UCC Coupon Extended Code, Code 128, GS1-128, ISBT 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, MSI, Chinese 2 of 5, GS1 DataBar variants, Korean 3 of 5, ISBT Concatenated **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 POSTNET, KIX Code (Dutch), UK Postal, Japan Post, UPU 4 State Postal FICS (Post US4), USPS 4 State Postal (Post US3)

ACCESSORIES

Hands-free Intellistand

DECODE RANGES (TYPICAL)*

3 mil Code 39	0.8 in./2 cm (Near) 4.7 in./11.9 cm (Far)
4 mil Code 39	0 in./0 cm (Near) 8.5 in./21.6 cm (Far)
5 mil Code 39	0 in./0 cm (Near) 10.0 in./25.4 cm (Far)
7.5 mil Code 39	0 in./0 cm (Near) 15.5 in./39.4 cm (Far)
13 mil (100% UPC-A)	0 in./0 cm (Near) 22.4 in./56.9 cm (Far)
20 mil (Code 39)	0 in./0 cm (Near) 36.0 in./91.4 cm (Far)
26 mil (200% UPC-A)	0 in./0 cm (Near) 47.6 in./120.9 cm (Far)
100 mil reflective	0 in./0 cm (Near) 175.0 in./444.5 cm (Far)

needs of your environment. A tap, press or swipe of the capacitive touch trigger offers an individualized triggering experience for cashiers.

Easy accurate aiming

Unique proprietary illumination system clearly defines the scanning field and offers a small, sharp aiming dot that is visible over the entire working range, making it easy to capture any bar code the first time ' even on pick lists.

Driver's license parsing option

An optional model allows you to capture and parse the information in PDF417 bar codes on driver's licenses, so your associates can complete loyalty card and credit card applications quickly and easily.

Document capture

Capture checks, ID cards and more for easy electronic recordkeeping.

International support

Support for over 90 international keyboards enables easy deployment anywhere in the world.

Stylish Intellistand for flexible scanning modes ' handheld and presentation

The specially designed optional Intellistand pairs beautifully with the DS4800 Series and allows your associates to automatically switch between hands-free and handheld operation.

LED Safety	IEC/EN60825-1:2001, IEC/EN62471:2006	5 mil (PDF 417)	0.8 in./2 cm (Near) 6.2 in./15.7 cm (Far)
EMI/RFI	FCC Part 15 Class B, ICES-003 Class B, EN55022 Class B, EN55024	10 mil (Data Matrix)	0.3 in./0.8 cm (Near) 8.5 in./21.6 cm (Far)

* Field of View limited

USER ENVIRONMENT

Ambient Light Immunity	Max 108,000 lux
Operating Temp.	32° F to 104° F/0° C to 40° C
Storage Temp.	-40° F to 158° F/-40° C to 70° C
Humidity	5% to 95% RH, non condensing
Drop Spec.	Withstands multiple 5 ft. (1.5 m) drops to concrete
Tumble Testing	250 cycles (500 drops) in 1/2 meter tumbler
Sealing	IP40

WARRANTY

The DS4800 Series scanner is warranted against defects in workmanship
and materials for a period of 5 years from the date of shipment except
for the cable which is warranted for a period of 30 days from the date
of shipment. For the complete Zebra hardware product warranty
statement, go to: http://www.zebra.com/warranty

RECOMMENDED SERVICES

Service from the Start Advance Exchange Support

123Scan^2
Programs scanner parameters, upgrades firmware, provides scanned bar code data and prints reports.
www.zebra.com/123scan

Scanner Management Service (SMS)
Remotely manages your Zebra scanner and queries its asset information.
www.zebra.com/sms

Scanner SDK
Generates a fully-featured scanner application, including documentation, drivers, test utilitiesand sample source code.
www.zebra.com/software

ZEBRA TECHNOLOGIES