



DS82 Series

The next evolution in premium handheld scanning, the DS82 Series enhances efficiency and customer service across the store—from staffed lanes and self-checkout to curbside pickup and returns. Innovations include a 2 MP optical system, advanced cordless tech like contactless charging and swappable power sources, and an RFID model. More than a scanner, the DS82 Series is a future-ready solution built to meet today's demands and prepare you for tomorrow.



Top benefits our customers love

1

A new standard in scanning: faster and more efficient

- Enhanced performance thanks to an exclusive 2 MP optical system; makes scanning faster and easier
- Superior performance on challenging barcodes with PRZM Intelligent Imaging—users get a successful scan the first time, every time
- Reads hard-to-reach barcodes with a wide scanning range—up to 28 inches (71 cm) for UPC codes and 20 inches (50 cm) for 2D QR codes
- Eases the transition to Digital Link by capturing both 1D UPC and 2D Digital Link codes on product packaging with one trigger pull

2

Zebra-only innovations unlock new possibilities

- DS82 Series RFID models combine RFID and barcode scanning; read RFID tags to capture detailed item-level data, supporting everything from precise inventory tracking to loss detection
- Programmable multi-function button acts as a secondary trigger, helping users work more efficiently
- 2 MP sensor supports third-party applications that help reduce fraud and shrink by detecting mismatches between items and scanned barcodes
- Zebra DNA transforms the DS82 Series into a dynamic, future-proof solution with unmatched adaptability

3

Cutting-edge power for longer, uninterrupted shifts

- Maintenance-free contactless charging—no physical contacts, minimizing wear and tear
- Swappable power options: PowerPrecision+ battery and PowerCap™ supercapacitor
- PowerPrecision+ battery offers up to 25% longer battery life than the closest competitive device
- PowerCap™ supercapacitor offers a sustainable power option; provides 8x more capacity than competing models, can hold a charge for several hours, and offers ultra-fast charging (ready for 100 scans in just 35 seconds)
- Dedicated power gauge lets workers quickly verify charge levels

What's new

Enhanced scanning performance: 2x more resolution than DS8100 Series; larger field of view; captures more barcodes in a single trigger pull and enhanced performance on problematic barcodes

RFID models: Seamlessly captures item details from RFID tags to improve inventory accuracy and reduce shrink—without impacting POS performance

Fast, contactless charging: Easy to clean, minimizes wear and tear, and extends device and cradle lifecycles

Multi-function button: Programmable button acts as a secondary trigger to support complex workflows

40% larger battery: Up to 100,000 scans on a single charge for over three days of uninterrupted performance

2x larger supercapacitor: Up to 6,000 scans on a single charge; capable of holding a charge for several hours

Support for vision applications: Exclusive 2 MP optical system supports third-party vision applications

Longer scan range: Reads up to 28 inches (71 cm) for UPC codes and 20 inches (50 cm) for 2D QR codes

Sleek, ergonomic design: Updated design means less fatigue while scanning

More rugged: New 10 ft. (3m) MIL-STD drop spec

IR capability (hands-free mode): Activates illumination only when an object is present for more pleasant illumination and lower power consumption

Industry applications

Retail

- Point of Sale, self-checkout, BOPIS, BOPAC, loyalty cards, electronic coupons, receiving, real-time item-level inventory, loss detection/prevention

Hospitality

- Check-in, ticketing, loyalty cards

Transportation & Logistics

- Shipping and receiving, picking, product tracking, ticketing (airports, train and bus terminals), postal

Light Manufacturing

- Product and component tracking, Work-in-Process (WIP), process control

Government

- Asset tracking, document control



Qualifying questions

Q **Is your business looking to elevate performance and maximize productivity across your point of sale, front end, and back end operations?**

A The DS82 Series marks the next evolution in premium handheld scanning—engineered to streamline transactions, boost productivity, and enhance customer experiences across every area of the store. Powered by an exclusive 2 MP sensor and the largest field of view in its class, it delivers exceptional scanning range and speed on both 1D and 2D barcodes. From damaged labels to digital barcodes on customer phones or items at the bottom of the cart, the DS82 Series makes every scan effortless. An updated ergonomic design ensures lasting comfort. A programmable multi-function button adds versatility, doubling as a second trigger for seamless multitasking. More than a scanner, the DS82 Series is a forward-looking investment—built to keep retailers ahead in a competitive marketplace.

Q **Are you using RFID in your supply chain? Do you want to unlock RFID at the point of sale?**

A If you're already leveraging item-level RFID in your supply chain, DS82 Series RFID models help you close the loop by capturing RFID-tagged merchandise at the POS—delivering complete store-wide visibility from inventory to checkout. Capture detailed item-level data like size, color, and serial number for precise inventory management; use RFID to alert customers about expiration dates or product warnings; and integrate with fixed readers at store exits to verify purchases and prevent fraudulent returns. And with a discreet RFID antenna, DS82 Series RFID models add the benefits of RFID without impacting scanning performance or the customer experience.

Q **What features do you require in a cordless scanning solution?**

A With the Bluetooth DS8288, you get a premium cordless experience designed for easier device management and longer shifts. Choose between a PowerPrecision+ battery or PowerCap™ supercapacitor—swappable at any time. The battery supports up to 100,000 scans on a single charge, ideal for extended use away from a charger, while the eco-friendly PowerCap is built for longevity, delivers up to 6,000 scans per charge and ultra-fast charging—ready for 100 scans in just 35 seconds. Contactless charging, available for both the battery and supercapacitor, reduces wear and maintenance. Zebra's Virtual Tether ensures cordless scanners stay where they're needed. And a built-in power gauge clearly indicates charge status for either power source.

Sales/reference materials

The Source (for internal Zebra only):
<https://zebra.showpad.biz/webapp2/home>

DS82 Series product home:
zebra.com/ds82-series

Partner Gateway:
<https://partnerportal.zebra.com>

Services:
zebra.com/zebraonecare

Support pages:
zebra.com/support

Zebra DNA:
www.zebra.com/zebradna

Zebra DNA for Scanners

With Zebra DNA, your customers can make the most of every stage of their scanning journey from deployment to optimization. This cutting-edge suite of technologies transforms the DS82 Series into a dynamic, future-proof solution, providing a stronger ROI across the full lifecycle.

Zebra DNA for Scanners tools include:

- **Advanced Data Formatting:** Automate workflow decisions for front-line workers to improve productivity and scanned data accuracy
- **IoT Connector:** Collect enterprise data and route to a preferred IoT endpoint to make data-driven decisions in real time
- **Label Parse+:** Instantly capture and parse GS1 label barcode data
- **Multi-Code Data Formatting:** Automatically capture multiple barcodes with one scan
- **Intelligent Document Capture:** Instantly capture and optimize full-size documents
- **Preferred Symbol:** Single out one barcode, while excluding others
- **123Scan Utility:** Industry's easiest programming experience with 600,000+ loyal IT users
- **Scanner Software Development Kits:** Easily develop scanner applications with Scanner SDKs for Windows, Linux, Android, iOS

Objection handling

Operations manager

“How can we be sure the DS82 Series can meet our current and future needs?”

Response

The DS82 Series delivers unmatched performance and exclusive features that go beyond the barcode, making it a smart investment for forward-thinking retailers. You can count on long-term value and adaptability for your dynamic retail environments.

- Exclusive 2 MP Sensor is built to support emerging vision applications, such as real-time item identification and anomaly detection to enhance self-checkout and reduce shrink
- Be ready for the GS1 Digital Link transition—capture both 1D UPC and 2D Digital Link codes with a single pull of the trigger; 123Scan simplifies scanner configuration, letting you easily set up Digital Link functionality for your checkout needs
- Zebra DNA is a cutting-edge suite of technologies that is constantly evolving, empowering Zebra scanners with unmatched adaptability
- A multi-function button can be customized to streamline the tasks that matter most to your workflows

Operations manager

“RFID will be too disruptive to the checkout experience.”

Response

DS82 Series RFID models integrate RFID capture without compromising on the high-performance scanning expected from a premium scanner. You can layer RFID and barcode data for more precise inventory tracking, smoother stock management, and reduced shrink—without altering the shopper experience or disrupting associate workflows.

- The integrated, discreet antenna delivers RFID capabilities without the size or look of a traditional industrial reader, preserving a clean, consumer-friendly POS environment
- Familiar scanning experience—RFID reading works in both triggered and presentation modes, just like barcode scanning, requiring no changes to user operation
- A customizable RFID read range can align with your environment to minimize unintended reads from nearby checkout lanes or store aisles

Technology decision maker, Purchasing

“I am not certain which power source is right for our applications.”

Response

The DS8288 offers a PowerPrecision+ battery and PowerCap supercapacitor. You can swap power sources at any time, on any device, as needs change.

- Choose the PowerPrecision+ battery if associates need the flexibility to scan away from the cradle for extended periods. It's ideal for longer shifts, delivering up to 25% longer battery life than the closest competitive device—up to 100,000 scans on a single charge for over three days of uninterrupted performance
- Choose the PowerCap supercapacitor when scanners can be docked in the cradle when not in use. It delivers up to 6,000 scans per charge (8x more than competing models) with ultra-fast charging (up to 100 scans after just 35 seconds of charging). The PowerCap eliminates the need to manage, replace, or dispose of batteries, reducing maintenance and environmental impact

Support solutions

The DS82 Series is covered by a three-year (cordless) and five-year warranty (corded). Zebra OneCare™ Support Services go beyond the standard warranty to cover it all—helping to eliminate unexpected repair costs and maximize device uptime.

Zebra OneCare Essential:

- Comprehensive repair services
- 3-day repair turnaround time
- VisibilityIQ OneCare
- Full access to technical support resources
- Rights to download and use software releases
- 3- or 5-year coverage

Zebra OneCare Select:

Offers all Zebra OneCare Essential features, plus:

- Advance device replacement
- 24/7 Level I support
- 3- or 5-year coverage

Add-on options

Customers can further tailor their plan with flexible options including:

- Battery Maintenance¹: Reduces the cost of battery replacements over a scanner's lifespan
- Commissioning: Repair technicians will configure repaired devices to your specific settings so they are ready to use right out of the box
- VisibilityIQ Foresight: Provides a cloud-based dashboard to view device inventory insights—making it easy to address potential issues before they impact operations

1. Available for Li-Ion batteries only