



# Boost productivity and the customer experience with hands-free scanning in your retail store

## The challenge: Meeting the needs of the new warehouse — your front of store

Every day, in industrial spaces like warehouses and manufacturing plants, ring scanners increase productivity by enabling workers to use both hands to execute tasks. The result? More orders are processed and shipped on time. Inventory moves from dock to stock faster, preventing the high cost of false out-of-stocks. Manufacturing production lines are replenished on time to prevent the high cost of unplanned down time.

To meet the expectations of today's customers, retailers need to perform many warehouse and distribution center functions in the front of the store, but at an even greater speed. Your associates need to pick orders from front of store shelves to fulfill orders that customers placed online for same-day in-store pickup — sometimes in as little as an hour. Moving inventory from the back-of-store to replenish shelves in the front-of store has never been more important — if an item isn't on your shelves, today's customers can order from your competitors while standing in the aisles of your store. Incoming shipments need to be processed and accurately shelved instantly, preventing false out-of-stocks, late shipments or the need for multiple shipments to fulfill an order — situations that not only risk the overall customer experience but also increase fulfillment costs.

While hands-free ring scanning helps address these retail operational challenges, today's industrial ring scanners don't deliver the comfort retail associates need — or the look you want in your store. Until now.

## The solution: The RS5100 ring scanner — the next generation in hands-free scanning design and comfort

Zebra's RS5100 Bluetooth Ring Scanner helps your retail operations run smarter. With its modern and minimal design, it's just as at home in customer-facing areas as the warehouse, ready to empower your associates to:

- Meet the most stringent turn-around times for click-and-collect
- Keep store shelves perpetually stocked
- Process incoming shipments faster and more accurately for near-instant availability for order fulfillment and front-of-store replenishment



**APPLICATION BRIEF**

RETAIL: RS5100 SINGLE-FINGER BLUETOOTH RING SCANNER

The RS5100 is practically weightless, providing extreme comfort. Your customers will barely notice the single finger low-profile design on the hands of your associates. There are many wearing options to ensure comfort and ease-of-use for every worker — the RS5100 can be worn on a finger on the right or left hand, on the back of either hand, or around the neck on a lanyard.<sup>1</sup> And while your workers get the comfort, design and the ease-of-use they need, you get the enterprise-class features your business requires:

- First-time every time capture of virtually every barcode
- A best-in-class rugged design that’s built to last for years
- A removable battery that allows you to keep your RS5100 ring scanners in service every minute of every shift
- High-capacity flexible ShareCradles that reduce device management time the cost of building out the backroom



A top trigger allows the RS5100 to be worn on the side of the finger for virtually zero protrusion above the hand — ideal for picking items in the smallest of spaces.

## RS5100: Hands-free mobility from the warehouse to the front of store

Application	Benefits
<p><b>Faster picking in click-and-collect applications</b></p> <p>With the popularity of click-and-collect, your store associates need to perform a task that used to be performed only in the warehouse — picking of orders. And since turn around times can be as short as an hour or two, your associates need to be able to pick orders quickly and accurately, so they are ready to go when customers arrive, ensuring a friction-free buying experience. And with the RS5100, they will.</p> <p>With the comfortable RS5100 on one finger, associates can scan the barcode on a new order, let the LED lights on the back of the scanner lead the way via the fastest path to each item in the order, and scan the item before picking to ensure it is correct. The low profile, featherweight RS5100 is not only comfortable, it provides unrivaled freedom of movement: with the top-mounted trigger option, users can wear the RS5100 on the side of a finger for near zero protrusion above the hand — ideal for picking items in tight shelves or from small bins. The large and wide scanning ‘sweet spot’ makes it easier than ever to capture barcodes. And its sleek and discrete design provides the right look for your front-of-store associates.</p>	<p><b>Business benefits</b></p> <ul style="list-style-type: none"><li>• More efficient and accurate click-and-collect order fulfillment — easily meet customer expectations for same day shipping and faster pickup availability windows</li><li>• Give your online shoppers a friction-free buying experience, improving customer satisfaction and loyalty — orders are always ready on time, with the right items</li><li>• Simplifies picking in tight spots</li><li>• Increase productivity — the same staff can now fulfill more orders per hour</li><li>• Free up time for store associates to better cater to shoppers and provide more personal service</li><li>• Reduce risk of device loss, since the scanner is worn on the body</li></ul>

Application	Benefits
<p><b>Streamline front-of-store shelf replenishment</b></p> <p>When the shelves and promotional displays in your store need to be restocked, the RS5100 ensures each task is completed as efficiently and accurately as possible. In the back room, associates can scan items to ensure they are selecting the right merchandise. A scan of the shelf tag on the sales floor ensures items are placed on the right shelves. And with the RS5100's tiny size, associates can easily reach into crowded shelves to replenish the tiniest items, such as cosmetics, without any obstruction.</p>	<p><b>Business benefits</b></p> <ul style="list-style-type: none"> <li>• Increase productivity — the same staff can now complete more replenishment tasks per hour</li> <li>• Prevent lost sales due to false stock-outs — the right items are on the shelf, ready and waiting for your customers</li> </ul>
<p><b>Improve backroom productivity and process efficiency in receiving, put-away, shipping and packing</b></p> <p>With the RS5100, both hands are always free. Whether workers are packing and shipping items to a customer, receiving merchandise from the loading dock, or putting away incoming shipments, the unparalleled freedom of movement enables associates to accomplish more in a shorter period of time. Weighing just over two ounces, the RS5100 ensures maximum comfort all shift long. While the sleek RS5100 provides the right look for your front of store, it also delivers the rugged design you need for the backroom and warehouse. It's designed to handle drops, bumps and even a high-pressure hose down. And the RS5100 can handle higher levels of electrostatic discharge that could easily destroy sensitive scanner electronics than competitive products — a common issue in large warehouse-style stores with concrete flooring.</p>	<p><b>Business benefits</b></p> <ul style="list-style-type: none"> <li>• Increase productivity — the same staff can now complete more inventory management tasks per hour</li> <li>• Improve inventory availability</li> <li>• Eliminate false out-of-stocks</li> <li>• Enable the fastest order turnaround times for click-and-collect</li> <li>• Ensure inventory management accuracy — the right items are always in the right place, available for customers and order fulfillment</li> </ul>
<p><b>A whole retail solution: pair with Zebra's mobile computers and printers</b></p> <p>Easily pair the RS5100 with Zebra's NFC-enabled mobile devices with a simple tap, from the WT6000 wearable computer for the backroom to the TC52 or TC51 handheld mobile computer for front-of-store. Zebra's HD4000 Head-Mounted Display can present every step in a work order, including step-by-step directions through the fastest path to needed items. And Zebra's wearable mobile printers allow workers to print labels right on the spot, ideal for mark-ups and markdowns in preparation for the start or end of a sale.</p>	<p><b>Business benefits</b></p> <ul style="list-style-type: none"> <li>• Simplify mobility deployment by using the same ring scanner across your retail operations — from the sales floor to the backroom</li> <li>• Get maximum value from the Zebra devices already in the hands of your store associates and backroom workers</li> </ul>

Empower your workforce to better meet the needs of your shoppers with the RS5100. For more information, visit [www.zebra.com/rs5100](http://www.zebra.com/rs5100)

**APPLICATION BRIEF**

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1 Back-of-hand and lanyard mounts available Q1 2020.



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