

RS4000 1D Ring Scanner

POWERFUL HANDS-FREE 1D SCANNING FOR ZEBRA'S NEXT-GENERATION WT6000 WEARABLE MOBILE COMPUTER

Whether your workers spend their days moving products through your warehouse or retail store, or moving packages through distribution centers and onto trucks for delivery, every time they need to set an item down to check a paper work order or scan a barcode with a handheld device, their productivity decreases. But when you put the small and lightweight RS4000 1D ring scanner on the fingers of workers who are using Zebra's WT6000 wearable mobile computer, your workers are free to keep their hands and eyes on the items they are handling. The result? Worker productivity increases. And a split-second press of the RS4000 trigger verifies task accuracy and provides the real-time inventory visibility you need to eliminate out-of-stocks.



Give your Workers Hands-Free Scanning Power

Ring scanner design leaves hands free to move packages and other materials, improving worker productivity and operational efficiency.

Increase Productivity with a Wide Working Range

Our patented Adaptive Scanning technology allows workers to capture barcodes from near contact to 15 ft./4.5 m.

Two Scanning Modes

Workers can either press the trigger button once to scan a single barcode or keep the trigger depressed to continuously scan barcodes.

Capture Virtually any Barcode in Practically any Condition

With our advanced scanning algorithms, your workers can capture scratched, dirty, damaged and poorly printed barcodes, first time, every time.

A Patented Liquid Polymer Scan Element with a Lifetime Warranty

Friction and wear are eliminated, maximizing uptime and worker productivity, along with a low total cost of ownership.

A Bright Scan Line

The easy to see scan line ensures easy aiming for first-time capture of barcodes in virtually any lighting condition. And with an oversize LED light, users can easily see when a scan is successful.

Diecast Zinc Scan Engine Chassis, Single Board Construction and Scan Engine Isolation

Superior impact protection for the scan engine improves reliability in the event of a drop.

Cable Wear Beads

The areas of the cable most vulnerable to wear and tear are protected to help keep your RS4000 ring scanners looking like new.

Supports Reduced Space Symbology (RSS)

A broad range of scanning capabilities provides future-proofing, increasing your investment protection.

Convenient Swivel Feature

Workers can easily switch the RS4000 from right to left handed operation.

Separate Finger Strap Assembly

Give each worker their own easy-to-replace finger strap assembly to help improve hygiene and prevent the spread of germs.

Full Shift Power

The RS4000 draws very little power from the wearable mobile computer, preserving plenty of power for full shift operation on a single charge.

**PUT THE RS4000 ON THE FINGERS OF YOUR WORKERS TO IMPROVE
PRODUCTIVITY AND ACCURACY IN YOUR OPERATIONS.**

For more information about the RS4000 1D Ring Scanner, visit www.zebra.com/rs4000
or access our global contact directory at www.zebra.com/contact

RS4000 Specifications

PHYSICAL AND ENVIRONMENTAL CHARACTERISTICS	
Dimensions	1.9 in. H x 1.4 in. W x 1.9 in. D 4.8 cm H x 3.6 cm W x 4.8 cm D
Weight	2.0 oz./56.7 g
Current	92 mA typical/121 mA max (one LED on)
Standby Current	12 µA typical/60 µA max
Battery Backup	Rechargeable UPS battery for operation during power loss; internal rechargeable battery for multiple months of real-time clock backup
Voltage	3.1 VDC to 3.6 VDC
PERFORMANCE CHARACTERISTICS	
Light Source	650nm LASER 1.7mW peak power
Scan Rate	92 min., 104 typical, 116 max. scans/sec (bi-directional)
Yaw ¹	± 40° from normal

PERFORMANCE CHARACTERISTICS (CONTINUED)	
Roll ²	± 35° from vertical
Pitch ³	± 65° from normal
USER ENVIRONMENT	
Operating Temp.	-22° to 140° F/-30° to 60° C
Storage Temp.	-25° to 160° F/-40° to 70° C
Humidity	5% to 95% non-condensing
Ambient Light Immunity	Tolerant to typical artificial indoor and natural outdoor (direct sunlight) lighting conditions. Fluorescent, Incandescent, Mercury Vapor, Sodium Vapor, LED: 450 Ft. Candles (4,844 Lux) Sunlight: 10000 Ft. Candles (107,640 Lux) Note: LED lighting with high AC ripple content can impact scanning performance
Environmental Sealing	IP54

NOMINAL WORKING DISTANCE

Density	5 mil	7.5 mil	10 mil	13 mil	15 mil	20 mil	55 mil	100 mil
Code Type	C128	C39	C128	UPC	C128	C39	C39	C39*
Far guaranteed	3.1 in./7.8 cm	16.8 in./42.6 cm	15.9 in./40.3 cm	23.7 in./60.1 cm	25.0 in./63.5 cm	43.0 in./109.2 cm	76.5 in./194.3 cm	180.0 in./457.2 cm
Far typical	7.7 in./19.5 cm	18.5 in./46.9 cm	19.0 in./48.2 cm	27.0 in./68.5 cm	29.5 in./74.9 cm	52.0 in./132.0 cm	100.0 in./254.0 cm	200.0 in./508.0 cm

*Reflective
1 – Roll (Tilt): Controlled by rotating the wrist clockwise or counterclockwise
2 – Pitch: Controlled by dropping or raising the wrist
3 – Skew (Yaw): Controlled by rotating the wrist from left to right or vice versa



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About us

- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.
- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

Latest Hardware from top manufacturers

- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

Expert Repair and Maintenance services

- Legacy is one of the best repair facilities in North America

Discontinued product sourcing

- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

Trade-in and Disposal services

- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
 - Data destruction
 - Hardware disposal
 - Auditing services

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- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

Equipment rental services

- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.



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