IMPROVE PRODUCTIVITY IN YOUR OPERATIONS WITH THE INDUSTRY'S MOST ADVANCED AND MOST RUGGED BLUETOOTH RING SCANNER

When you pair your Zebra wearable or handheld mobile computers with Zebra's RS6000 Bluetooth ring scanner, you give your workers the superior technology they need to take productivity to the next level. You get our most rugged ring-style scanner, built to deliver reliable operation in the warehouse and manufacturing plant — inside, on the loading dock or in the freezer. Your workers can scan faster and almost four times farther than competitive wearable scanners. You get up to five times the battery power of competitive devices, along with instant pairing and a mode that eliminates Wi-Fi interference for fast, easy and hassle-free deployment of Bluetooth devices. And right and left hand operation with manual or triggerless scanning allows workers to use the most effective mode for the task at hand. Maximize the value of your workforce and your wearable mobile computers with the RS6000 — only from Zebra.

Our Most Rugged Ring Scanner
The RS6000 is built to last in your most challenging warehouse and manufacturing environments. With its 6 ft./1.8 m drop specification, new tumble rating and IP65 sealing, this Bluetooth ring scanner is drop-proof, spray-proof and dust-proof. The patented Monocoque unibody housing provides the structural stability required to handle the twisting that's common during a fall or bump. Designed for subzero temperatures, the RS6000 is ready for use in the freezer.

Capture Barcodes Faster with our Most Advanced Scanning Technology
Zebra's high performance imager with PRZM Intelligent Imaging technology enables lightning fast capture of any 1D or 2D barcode. Advanced scanning algorithms enable the capture of barcodes in virtually any condition, eliminating time-consuming exceptions. And superior motion tolerance allows your workers to capture barcodes as fast as they can press the trigger, even if items or workers are in motion.

Ambidextrous Trigger Button and Mounts
Users can Instantly switch between right and left hand operation on-the-fly, increasing flexibility and reducing fatigue.

Tap to Pair to Create a Zebra Total Wearable Solution in Seconds
Pair the powerful Bluetooth RS6000 ring scanner with the WT6000 with a split second tap — no more scanning barcodes, manually configuring devices for discovery or accidentally pairing another nearby device.

No Wi-Fi Interference — Guaranteed
With our Wi-Fi Friendly Mode, the opportunity for the Wi-Fi wireless interference that Bluetooth devices can create is eliminated, allowing you to give your workers worry-free advanced scanning and cordless freedom.

Programmable Line-of-Sight Multi-Color LED Improves Worker Productivity
The RS6000 is the only wearable scanner on the market that improves task speed with programmable LED lights that are in the user's direct line-of-sight during scanning activities. With support for multiple colors, you can provide color-coded feedback to direct user activity.

An Exceptional Cradle and a Powerful, High-Performance Battery
Zebra's PowerPrecision+ battery delivers extraordinary battery life — up to 70,000+ scans per charge. Since the same battery works in the WT6000 Wearable Computer and the RS6000, battery management is easier — there is just one type of battery to purchase and manage. You can drop the entire RS6000 into the cradle to charge it — no need to remove the battery. And you can stage, configure, update and monitor battery statistics for cradled devices, substantially minimizing IT management time — your RS6000 scanners can be reconfigured in minutes.

Superior Bluetooth Power Efficiency
Bluetooth 4.0 provides the fastest and most power-efficient version of Bluetooth yet. And if required, support for Class 1 Bluetooth provides an extended wireless range up to 300 ft./91.4 m

Flexible Manual or Automatic Triggering
The RS6000 can be configured with a manual trigger or can operate in triggerless mode using the integrated Proximity Sensor and accelerometer. In triggerless mode, the RS6000 can be mounted on the fingers or in a back-of-the-hand glove, while the trigger-operated two-finger mount puts users in charge of when to scan.

New Comfortable and Hygienic Mount
The new durable, rubberized silicone mount and finger strap are comfortable, even on bare skin. And the non-absorbent material is easy to wipe down for easy cleaning at the start and end of every shift.

GET MORE OUT OF YOUR WORKFORCE AND YOUR WEARABLE COMPUTERS.

RS6000 Specifications

PHYSICAL CHARACTERISTICS

Dimensions	2.9 in. L x 2.1 in. W x 1.3 in. D 74 mm L x 54 mm W x 33 mm D
Weight	Triggered, with battery: 6.46 oz./183 g Triggerless, with battery: 6.00 oz./170 g
Power	3350 mAh capacity; PowerPrecision+; Li-Ion Battery Pack

PERFORMANCE CHARACTERISTICS

Optical Resolution	1280 x 960 pixels
Roll	360°
Pitch Angle	±60° from normal
Skew Tolerance:	±60° from normal
Aiming Element	655nm Laser
Illumination Element	Two (2) warm white light LEDs
Field of View	SR: Horizontal: 48°, Vertical: 36.7° MR: Horizontal: 31°, Vertical: 23°
Ambient Light Immunity (from total darkness)	Indoor: 450 ft. candles (4,845 lux) Outdoor Triggered: 9,000 ft. candles (96,900 lux) Outdoor Triggerless: 1,200 ft. candles (12,917 lux)
Motion Tolerance	25 inch per second, typical
Supported 1D Symbologies	Code 39, Code 128, Code 93, Codebar/NW7, Code 11, MSI, UPC/EAN, I 2of 5, Korean 3 of 5, GSI DataBar, Base 32 (Italian Pharma)
Supported 2D Symbologies	PDF417, Micro PDF417, Composite Codes, TLC-39, Aztec, DataMatrix, MaxiCode, QR Code, Micro QR, Chinese Sensible (Han Xin), Postal Codes.
Supported OCR Symbologies	OCR-A, OCR-B, MICR E13B, US Currency
Supported Aiming Modes	Class 2 Laser, cross hair with bright center for sunlight visibility; Pick List mode configurable
Interface	**Bluetooth:** Class I, v 4.0 with Bluetooth Low Energy (BLE) *Supporting Profiles:* Serial Port Profile (SPP), Human Interface Device Profile (HID), Service Discovery Application Profile (SDAP) *NFC Tag:* Tap-to-Pair; used to simplify the pairing process. *Pairing:* by reading terminal BT address as a barcode on the host Zebra device.

USER INTERFACE

LED	Line of Sight (LOS) 2 RGB LEDs located at the back side of the device (programmable) Radio and battery capacity status 1 RGB LED located on the top side of the device
Beeper	Up to 85 dBA @ 10 cm from the back of the device beeper port
Restore Key	User accessible for emergency warm boot and Bluetooth reconnect (after disconnect timeout)
Scan Triggering	Manual or automatic via Proximity Sensor technology

Specifications subject to change without notice.

USER ENVIRONMENT

Operating Temp.	-22°F to +122°F/-30°C to +50°C
Storage Temp.	-40°F to +140°F/-40°C to +60°C incl. battery -40°F to +158°F/-40°C to +70°C excl. battery
Humidity	5% to 95% non-condensing
Drop Rating	Multiple 6 ft. /1.8 m drops to concrete over the operating temperature range
Tumble Rating	1,000 tumbles @ 0.5 m
Sealing	IEC 60529: IP65
Vibration	Sine 5 2000Hz, 4g peak, 1 hour per axis; Random 20-2000Hz, 6g RMS or 0.04g2/Hz, 1 hour per axis
Electrostatic Discharge (ESD)	+/-20kVdc air discharge +/-10kVdc contact discharge

SOFTWARE COMPATIBILITY

123Scan², DataWedge and MDM solutions (via Zebra's MDM toolkit)

RECOMMENDED SERVICES

Zebra OneCare

WARRANTY

Subject to the terms of Zebra's hardware warranty statement, the RS6000 is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For complete warranty statement, please visit: http://www.zebra.com/warranty

SE4750-SR FOCUS (STANDARD RANGE)*

Symbology	Near	Far
3 mil Code 39	3.7 in./9.3 cm	5.4 in./13.7 cm
5 mil Code 128	3.2 in./8.1 cm	7.6 in./19.3 cm
5 mil PDF417	4.0 in./10.1 cm	7.0 in./17.7 cm
6.67 mil PDF417	2.9 in./7.3 cm	9.0 in./22.8 cm
10 mil DataMatrix	3.0 in./7.6 cm	9.4 in./23.8 cm
100% UPCA	1.8" in./4.5" cm	20.0 in./50.8 cm
15 mil Code 128	2.4" in./6.0" cm	22.0 in./55.8 cm
20 mil Code 39	1.6" in./4.0" cm	30.0 in./76.2 cm

SE4750-MR FOCUS (MID RANGE)*

Symbology	Near	Far
5 mil Code 128	8.2 in./20.8 cm	15.0 in./38.1 cm
5 mil PDF417	9.3 in./ 23.6 cm	12.5 in./31.7 cm
7.5 mil DataMatrix	9.1 in./ 23.1 cm	12.0 in./ 30.4 cm
10 mil DataMatrix	7.8 in./ 19.8 cm	16.5 in./ 41.9 cm
13 mil UPCA	2.3" in./ 5.8" cm	33.0 in./ 83.8 cm
15 mil Code 128	4.0" in./ 10.1" cm	34.0 in./ 86.3 cm
20 mil Code 39	2.1" in./ 5.3" cm	45.0 in./ 114.3 cm
100 mil Code 39	11.0 in./ 27.9 cm	127.0 in./ 322.5 cm
160 mil DataMatrix	11.5 in./ 29.2 cm	105.0 in./ 266.7 cm

NOTE: The ranges in the above charts are limited by the width of the barcode in the field of view.

Ideal for:

Warehousing
- Warehouse management
- Receiving
- Picking/Voice Picking
- Put-away
- Sorting
- Loading

Manufacturing
- Inventory management
- Replenishment
- Parts tracking

Transportation and Logistics
- Warehouse management

Retail
- Back of store warehouse management
- Receiving
- Inventory management
- Sortation

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