



RS6000, Bluetooth scanner, industry, 2D, imager (standard range), trigger, proximity sensor, BT, IP65

Maximum power for maximum operation! That is what you get from the 1D/2D ring scanner RS6000 from Zebra. What awaits you: an aggressive scan engine which quickly reads barcodes, even from greater distances than comparable scanners are capable of. The RS6000 is extremely robust, drop-resistant from heights up to 1.8 m and repels water and dirt particles, thanks to IP65 certification. With its powerful battery the ring scanner handles up to 70,000 scans per charge.

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. Users can instantly switch between right and left hand operation on-the-fly, increasing flexibility and reducing fatigue. With 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. The RS6000 is built to last in your most challenging warehouse and manufacturing environments.



Key features:

- Ultra rugged, ready to use in the freezer
- PRZM Intelligent Imaging Technology
- Tap-to-pair function
- Programmable Line-of-Sight Multi-Color LED
- Ambidextrous Trigger Button and Mounts
- WiFi friendly mode



Technical Description

Functionality & Operation

Wireless communication	NFC, Bluetooth®
Indicators	Programmable multi-color LEDs, beeper
Operation interface	ON/OFF, scan button
1D Barcode Symbolologies	Code 39, Code 93, Code 128, Codabar, Code 11, MSI, Industrial 2 of 5, Korean 3 of 5, GS1-DataBar, Base 32, UPC/EAN
2D Code Symbolologies	PDF417, OCR-B, OCR-A, Postnet, MicroPDF417, Composite codes, TLC-39, Aztec, Data Matrix, MaxiCode, Micro QR Code, QR code, HanXin Code
WPAN Features	Class I, v 4.0 with Bluetooth Low Energy (BLE)

Optical

Depth of scan field	40 - 762 mm
Maximal skew angle	48%
Maximal pitch angle	36.7%
Resolution	1280 x 960 pixels
Bar code scanner	2D Imager SE4750SR
Light source	Aiming: Element 655nm Laser, Illumination: Element Two (2) warm white light LEDs

Electrical

Main battery pack	3350 mAh capacity; PowerPrecision+
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Mechanical

Color	black
Dimensions	Width: 54mm, Height: 33mm Length: 74mm
Weight	183g

Environment

Electrical static discharge	±20kV air, ±10kV contact
Maximal ambient light	96900lux
Shock resistance	multiply drops from 1,8 m onto concrete surface, 1000 tumbles at 1 m
Vibrations resistance	Sine 5-2000Hz, 4g peak, 1 hour per axis; Random 20-2000Hz, 6g RMS or 0.04g2/Hz, 1 hour per axis
Operating temperature	-30 to 50°C
Operating humidity (non-condensing)	5 to 95%
Ingress protection	IP65

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