PRODUCT SPEC SHEET
ZEBRA RFD5500 UHF RFID SLED

ZEBRA RFD5500 UHF RFID SLED

TURN ZEBRA MOBILE COMPUTERS INTO BUSINESS-CLASS HANDHELD RFID READERS

EXTEND THE BENEFITS OF RFID FURTHER INTO THE ENTERPRISE

The RFD5500 UHF RFID Sled brings industry-leading RFID technology to your MC55, MC65 or MC67 mobile computers.* This versatile accessory makes these mobile computers state-of-the-art handheld RFID readers that are at home in the storefront, carpeted business areas, best suited for indoor applications. With its light weight, rugged design and well-balanced, gun-style grip, the RFD5500 is suited to the most read-intensive applications. And the advanced, high efficiency Zebra RFID reader engine gives you fast read rates, high throughput ' and improved productivity in your operation.

EASY-TO-USE LOCATING CAPABILITY

Many RFID handheld readers can identify the general proximity of an item ' for example, a shelf. The RFD5500 offers a unique combination of intuitive audible and visual cues to quickly guide a worker to the precise location of any desired item. As the device moves closer to a specific item, a tone beeps louder and faster, while a sliding graphical bar increases in size. So your employees can locate any individual item, regardless of where it may be, quickly and easily.

SUPERIOR RFID PERFORMANCE

Most RFID readers offer you a choice of antennas: linear polarization for a longer read range or circular polarization for wider coverage. Zebra's patented omnidirectional antenna offers the best of both worlds ' a superior read range and superior coverage area. The orientation agnostic antenna in the RFD5500 delivers extraordinary reliability and there's no need to precisely align the reader with the tag. That means your workers can quickly and accurately capture data on even the most challenging items ' from a pile of clothing in a retail store or a box of files in the office to a shelf full of data tapes in the data center.

DUAL DATA CAPTURE FUNCTIONALITY

The RFD5500 adds best-in-class RFID data capture technologies to the best-in-class bar code scanning ability of your MC55, MC65 or MC67. The versatility of using two readers in a single device means employees can locate products, read non-line-of-sight RFID data, and capture even damaged and poor quality 1-D bar codes without interrupting workflow. Meanwhile, you have fewer devices to purchase and manage, which translates to a lower cost of ownership for you.

* Supports MC55 Series (MC55N0-xxx and MC55A0-xxx) and the MC6X Series (MC65 and MC67, excluding Android configurations)

For more information on the RFD5500 UHF RFID Sled, please visit us on the web at www.zebra.com/rfd5500 or access our global directory at www.zebra.com/contact.

ZEBRA

FEATURES

Business-class RFID handheld for global deployments

Supports regions based on European, Japanese and US RFID frequencies

Zebra RFID reader engine

Delivers advanced, high efficiency read performance for faster read rates and higher throughput

Easy-to-use Application Programming Interfaces (APIs)

Rapid and cost-effective application development

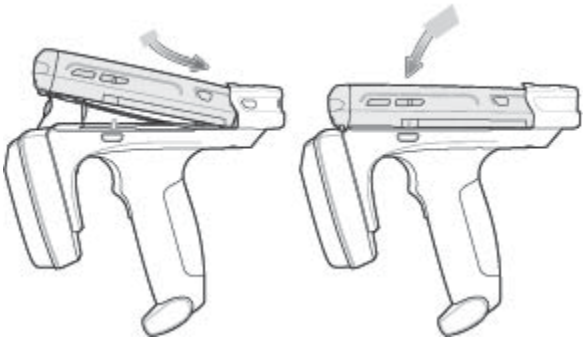
MAX RFID ANTENNA

Maximize the performance of your RFID solutions with this patented orientation insensitive antenna. The unique combination of linear and circular polarization maximizes read range and coverage area, delivering the extraordinary reliability required to capture tags ' even on the most challenging items.

MAX SECURE

MAX Secure provides the security features required to ensure secure data transmissions over either the WLAN or the WWAN '

Inserting the MC55, MC65 or MC67 into the Sled



Slide the mobile computer into the Sled until it locks into place. The latches secure the mobile computer to the sled.

including highly sensitive applications in government and public safety.

RFD5500 SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Dimensions	20 x 18 x 7.5 cm
Weight	395 g (not including MC55)
RFID Battery	3.7V, 2400 mAh
Data Capture Options	RFID

USER ENVIRONMENT

Drop Spec	4 ft./1.2 m drop to concrete across the operating temperature range
Tumble Spec	250 1.64 ft./.5 m tumbles (500 drops) at room temperature
Operating Temp	14° F to 122° F/-10° C to 50° C
Storage Temp	-22°F to 160° F/-40°C to 70°C
Humidity	5-85% non-condensing
Electrostatic Discharge (ESD)	+/-15kV air discharge, +/-8kV direct discharge, +/-8kVdc indirect discharge

RFID

Power Output	EU: 1/2W ERP JP: 1/2W EIRP US: 1W EIRP Russian Federation: 1/2W ERP
Antenna Type	Integrated ' Omni-directional
Frequency Range	EU: 865-868 MHz JP: 918-920 MHz US: 902-928 MHz Russian Federation: 866.0-867.6 MHz
Standards Supported	EPG Global Class 1 Gen 2

REGULATORY

EMI/EMC	FCC Part 15 Class B; ICES 003 Class B; EN 301 489-1; EN 301 489-3; EN 55022; EN55024
Electrical Safety	UL 60950-1, CSA C22.2 No. 60950-1, IEC 60950-1
RF Exposure	EU: EN 50364; USA: FCC OET Bulletin 65 Supplement C; Canada: RSS-102
RFID	EU: EN 302 208, FCC 15.247; Canada: RSS 210

WARRANTY

The RFD5500 is warranted against defects in workmanship and materials for a period of one year (12 months) from date of shipment, provided the product remains unmodified and is operated under normal and proper conditions.

1 LED lighting with high AC ripple content can impact scanning performance.

NOTICE: Repairs of this product may require the use of Zebra proprietary parts (and/or Zebra proprietary information). Zebra will sell these parts (and provide this proprietary information) only to end-user customers for self-service. Applicable in the U.S. For all other countries , please contact your Zebra account manager or the local Zebra Customer Service representative in your area for further details.

Part number SS-RFD5500. Printed in USA 04/15.©2015 ZIH Corp. ZEBRA, the Zebra head graphic and Zebra Technologies logo are trademarks of ZIH Corp, registered in many jurisdictions worldwide. All rights reserved. All other trademarks are the property of their respective owners.

ZEBRA TECHNOLOGIES