RFD40 RFID UHF Standard sled for mobile computers, 865MHz-868MHz

The RFD40 UHF RFID Standard Sled empowers workers in the retail, hospitality, and healthcare industries to work more efficiently. Optimize cycle-counting with industry-best read rates and read range and increased battery capacity. Most importantly, it connects to current and future Zebra mobile computers, so you get a future-proof device.

Key features:

- Next Generation Connectivity – the new eConnex™ technology that allows for snap-and-go pairing
- Efficiency with Staying Power – an industry-best 1300+ tag reads per second
- Adapt and Go – Designed to adapt as new Zebra mobile computers come out, the RFD40 Sled will continue to help associates work smarter not harder well into the future
- Durability You Can Depend On – IP54 sealing and 5-foot drop to concrete specification to withstand real-world environments
- Applications – retail, warehouse, logistic, hospitality, healtcare

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Technical Description

Functionality & Operation

Frequency	EU: 865-868MHz; 0 — 30 dBm (EIRP)
Operation interface	Tri-Function User Programmable Trigger
Indicators	Decode LEDs, Battery Status LED, beeper
Communication interface	USB, USB-C, 8-pin connection
Reading/writing distance	6m
RFID transponder protocols	FCC Part 15 Subpart B Class B; ICES 003 Class B; EN 301 489-1; EN 301 489-3; EN 55035; EN 55032 Class B

Optical

Scanning rate	tag/sec

Electrical

Main battery pack	Quick-Release, PowerPrecision+ Li-Ion 7000 mAh battery

Mechanical

Dimensions	Width: 84mm, Height: 151mm Length: 166mm
Weight	541g

Environment

Ingress protection	IP54
Operating temperature	-10 to 50°C
Storage temperature	-40 to 70°C
Operating humidity (non-condensing)	5 to 85%
Electrical static discharge	±15kV air, ±8kV contact
Shock resistance	multiply drops from 1,8 m onto concrete surface, 1000 tumbles at 50 cm