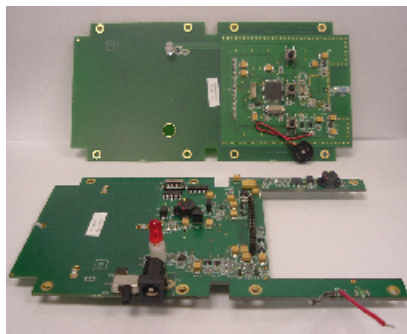


# TEK Freedom RFID Adaptor for all Bluetooth Compatible Devices

## Handheld RFID Reader by TEK Industries, Inc. - Bare Board

### *Freedom Bare Board Data Sheet*

TEK P/N 750171-B (125kHz), 750-170-B (134.2kHz), 750180-B (13.56MHz)



The Freedom is capable of reading and writing to multiple RFID tags. Transmitting data to any Bluetooth PDA or Bluetooth compatible PC is simple using the Freedom's wireless technology. The RFID Adaptor is self contained and because of its own rechargeable batteries, does not derive power from an external source (batteries not included). The boards can also be powered by a standard AC adaptor. Consisting of two PCBs, the first board houses the Bluetooth components and the second board houses the RFID Reader hardware.

<u><b>Specifications</b></u>	<u><b>Freedom Bare Board</b></u>
<b>Weight / Size</b>	1.8 oz each / 7" x 3.25" each
<b>Battery</b>	4 AA NiMH rechargeable or Alkaline batteries (not included)
<b>DC Input</b>	6V @ 1A
<b>PDA or Computer Connection</b>	Bluetooth @ 57.6K Baud
<b>Drop Test</b>	Tested from height of 12 feet in custom housing using the Freedom/PDA Case
<b>Read Distance</b>	2 - 4 Inches
<b>Tags</b>	<b><u>13.56MHz Tags:</u></b> ISO 15693 Standard, Philips ICode, Texas Instruments Tag-It <b><u>134.2kHz Tags:</u></b> All 134.2kHz ISO 11784 Standard tags, Half and full duplex animal tags, HiTags H48, H56 <b><u>125kHz Tags:</u></b> Sokymat Unique 125kHz

Demonstration Application PC Software and PDA Software for Palm and Pocket PC is provided with the scanner. PC Operating System Requirements: Microsoft Windows XP only. PDA Operating System Requirements: Microsoft Windows Pocket PC 2003, Windows Mobile 5.0 or higher. Software source files are free and available for developers upon request.

**TEK Industries, Inc. is an Alliance Member of Palm OS™**

**DryPak and Industrial Cases available. Visit our website for further details.**

**For more information and product listings, please contact the Sales Department.**



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