

# TEK Freedom RFID Adaptor for all Bluetooth Compatible Devices 125/134.2kHz Handheld RFID Reader by TEK Industries, Inc.



## *Freedom 125/134.2kHz Data Sheet*

TEK P/N 750170

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. The Freedom unit also supports stationary reads with the supplied AC charger. If expected field usage will exceed the rechargeable battery life, the user can install 4-AA Alkaline batteries.

<u>Specifications</u>	<u>Freedom 125/134.2kHz</u>
<b>Size</b>	3.5" X 7.0 inches (includes housing)
<b>Battery</b>	Rechargeable NiMH
<b>Battery Life</b>	8 Hours
<b>DC Input</b>	6V @ 1A max during charging
<b>PDA or Computer Connection</b>	Bluetooth @ 57.6K Baud
<b>Drop Test</b>	Tested from height of 12 feet using the Freedom/PDA Case
<b>Read Distance</b>	2 - 4 Inches
<b>Tags</b>	Sokymat Unique 125kHz All 134.2kHz ISO 11784 Standard 134.2kHz half and full duplex animal tags, HiTags H48, H56
<u>Specifications</u>	<u>Included AC Charger</u>
AC Charger Input	108 - 240 V
DC Charger Output	6V @ 1A

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

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